SERA

Amateur Radio FM and Repeaters in the SouthEast

Repeater Journal

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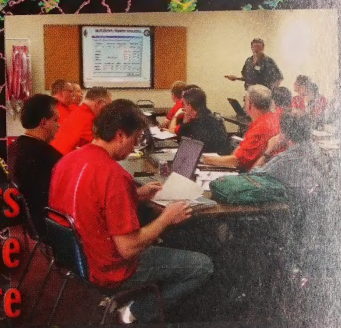

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Also in this issue:

Riley's Message To Repeater Owners

IRLP/Echolink: SERA Looks at the Issues

RACES Gets new Attention after 9-11

TEN-TEC's Digital HF Experiment

2003 Hamfest Calendar, and lots more

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SERA Membership

Full Repeater Membership

(A Membership for Repeater Owners & Sponsors)

Any repeater owner or club may join SERA as a Full Member if they have a properly coordinated and operating repeater on the air. A Full Membership application, coordination information (if not on file), and the correct membership fee should be submitted.

Two individuals representing the full member repeater, named and listed on the application by the owner, receive the *Repeater Journal* each quarter.

The two Full Member Representatives have voting privileges in SERA elections and may be eligible to hold elective offices within the organization. The full member repeater is also recognized as a SERA supporter in the repeater index with a ☺ symbol. A Full Member application is available in this issue of the Repeater Journal, and on the SERA web site: **www.sera.org**.

Full Member dues are $20/year, pro-rated by quarter. All full memberships expire on December 31st of each year.

Associate Membership

(A Membership for Repeater Users)

Amateurs Radio operators, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable you to support the organization and receive the *Repeater Journal*. Associate Members may hold appointive offices within SERA, but do not have voting privileges.

Associate Membership begins in the quarter you join, and dues are not pro-rated. Renewals are due in the same quarter in subsequent years.

Repeater Journal Mailing

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SERA looks at INTERNET LINKING

Gary Pearce KN4AQ

By most accounts, Internet linking - between repeaters, or just between hams - is booming. IRLP (the Internet Radio Linking Project) has about 800 "node" stations on-line. Echolink has well over a thousand "stations" registered. There are several other linking systems dedicated to ham radio that are smaller, but they're all growing like wildfire. A lot of hams are having a ball.

Yet chances are that *you* have never talked or even listened through any of them! If you have, you're in the minority. Most cities still don't have an IRLP node repeater in operation, and most hams have not downloaded Echolink for their own computer. So there's plenty of room for Internet linking to grow... and grow!

The February 2003 issue of *QST* has a good review of Internet linking, and the November 2001 *Repeater Journal* carried an in-depth look at IRLP, so I won't go into great detail about what it is in this article. But the very basics are that "Internet linking" uses VoIP - Voice over Internet Protocol - to send voice and control signals between computers via the Internet. Connect those computers to ham radios, and you have Internet linking.

The SERA Board had a rousing discussion on Internet Linking on Sunday morning at their winter Board meeting. This article will focus on the issues reviewed at that meeting.

Riley Hollingsworth: To those critical or skeptical of Echolink or IRLP, I am told that it is rejuvenating lots or dormant repeaters, and bringing back into Amateur Radio operators who have not been active. If this is true, those are good developments for our service.

And also, we don't want to be too hard line in the beginning of these new technologies, because we want Amateurs to be excited about experimenting and feel free to do so within the general bounds of the rules. Amateur experimentation has led to great technological breakthroughs. That is the great benefit of the service. And remember, lots if folks were severely critical of SSB and said it would destroy Amateur radio.

FCC Takes Wait-and-See

I talked to the FCC's Riley Hollingsworth K4ZDH at some length about the legal implications of Internet linking. The box inset contains his quotes. He has received a lot of questions, and more than a few complaints about Internet linking, and he makes two things clear. One is that the FCC is not going to stifle the innovation and experimentation that is going on with Internet linking. The other is that, no matter what, a properly licensed Amateur Radio operator must be in control of any transmitter radiating a signal in the ham bands.

An FCC "hands-off" is not license for Amateurs to do absolutely anything we want. We do have a basic set of rules to follow. Part 97 is generally flexible, giving us a lot of leeway in how we set up our stations and connect systems together. Applied to Internet linking, or any kind of linking, there are a few rules that specifically apply, a few that have been interpreted to apply, and a few gray areas where it might be hard to figure out just how to fit new practices into existing rules. Perhaps in the future, the rules will need to be adapted for this operation. What we have now is the opportunity to look at how this works, identify problems and opportunities, and shape the future.

Where SERA Comes In

The SERA Board felt that SERA has three roles to play in shaping Internet linking. One is the fairly limited direct role of a frequency coordination body - to coordinate frequencies for the auxiliary stations that serve as links between computers and repeaters. The second is the broader arena of spectrum management. SERA band plans go beyond FM/Repeaters, recognizing the need to provide regional organization for all modes in the VHF/UHF spectrum. SERA takes a leadership role here somewhat by default - there is no other regional body available to handle this spectrum management. But SERA uses input from the ARRL, other special-interest groups and individual operators (and the multi-mode expertise of the SERA staff) in developing the band plans. And finally, SERA has a general leadership role to play in any activity involving repeaters and VHF/UHF FM.

So, let's take a look at how Internet linking, frequency coordination and spectrum management come together.

Figure 1

Figure 1 is just our baseline - until recently the typical way repeaters have been linked together by radio. The transmitters that do the linking are clearly defined in the rules as *Auxiliary Stations,* and must operate above 222.15 MHz.

Figure 2

Now, it gets interesting. The SERA Board spent close to an hour discussing Figure 2, which illustrates a very common method for getting audio and push-to-talk control between the computer/Internet and a repeater.

It's easy to connect the radio to the computer. You can use custom interface boards sold by the hams who created the networks, generic interfaces like RigBlaster, or homebrew interfaces (IRLP requires their own interface). The computer runs a program that connects the interface to the Internet, and dedicated servers make the connection between the computers.

It's not so easy to do this directly at the repeater. This stuff can work over a dial-up Internet connection, but it works a lot better over a broadband connection, like DSL or cable. There aren't too many of those at repeater sites. And computers are kind of finicky - crashing and hiccuping a lot. IRLP requires a Linux computer, which is a lot more stable, but even so, it's a lot easier to check everything in the ham shack than make a run to the repeater.

So you set the computer up at home and use a link radio. And the easy way to do that is to just use your base station radio using the repeater's input and output frequencies. You've already got all the equipment you need, and you don't have to do anything to the repeater. SERA calls this an "on-channel link."

Here's the rub: that base station radio just entered the category of *Auxiliary Station.* And by FCC rules, it's not permitted on two meters. So, if you're linking to a two meter repeater, your link is not legal.

"Rules, shmools, what's the real problem?" you might think. And you'd have a good point. The FCC doesn't explain why Auxiliary Stations aren't permitted on two meters, but two reasons are pretty clear.

1 - There's not enough room. The two meter band is only four Megahertz wide, and it's full, coordination-wise. (It's hard to convince a ham who tunes from one end of the band to the other and *maybe* comes across two or three signals that the band is "full," but from a spectrum-management point of view, it is.)

But reason #1 runs into a problem with Figure 2 - the link isn't using any extra spectrum. It's on the frequency already in use by the repeater. A model of spectrum *efficiency,* you might say.

2 - There is a significant potential for interference to co-channel repeaters. This is the real problem. Figure 2's graphic is a little misleading here - that beam pointed up at the repeater antenna makes it look like the link signal is tightly controlled.

In practice, it is very difficult to "tightly control" a two meter signal. We are mostly talking Band Opening here, where a one-watt signal into even a small, directional antenna can reach the co-channel neighbor. Use CTCSS? That masks the problem, but doesn't eliminate interference. Yes, if you know what you're doing, you can probably build an on-channel link system that has almost no chance of interfering with a co-channel repeater. But we're worried about the guy who literally plugs into his base station and turns it on, easy as pie.

SERA's recommendation: build a real link on 220, 440 or above, using a coordinated, band-plan link frequency. It is possible that SERA will de-coordinate a repeater that allows an on-channel link to interfere with a neighbor repeater.

Figure 3

This one created some debate at the Board Meeting. Some SERA people felt this is a repeater, since it is connected to a repeater and is acting as an input (and output) to that repeater. That would make it have to follow repeater rules for spectrum use, but would also open up the privilege of automatic control.

We color this station a little gray. Most Board members felt it isn't a repeater (it would be a very odd-duck repeater). It could be an Auxiliary Station, depending on the specific use. But probably it is just an ordinary, everyday ham radio station. It would not qualify for automatic control, though it could be used with remote control. Its control operator must be present at all times. And SERA would not provide frequency coordination for it.

This is a very common setup, for both IRLP and Echolink. If you own one of these, realize that you should not turn it on and walk (or drive) away, letting it play without active control. But even assuming you do it "right," is it a good idea? How many of these stations can the two meter band handle? Simplex channels are the likely spectrum for Figure 3 stations, and so far, simplex on two meters is lightly used. Does this have the potential to rapidly change that scenario?

By the way, "remote base" is a ringer of an answer. There is no such thing in the rules.

Figure 4

Echolink permits this configuration - a computer at home connected by the Internet to a repeater or other on-air station. IRLP does not let you get into its network from your own computer.

The ham at the computer is *not* the control operator. The repeater control operator is the one and only control op in this scenario. The reason is simple. The ham at the computer does not have the ability to shut off the transmitter in the event of trouble.

Echolink goes to some pains to assure that the guy at the computer is a licensed ham. Their procedure is not flawless, but in practice, just about everyone using Echolink is a ham. If you're the control op, the risk of opening your station to a non-ham is

FIGURE 1

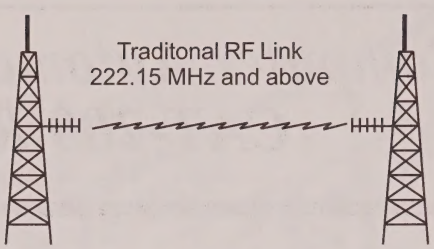


FIGURE 2

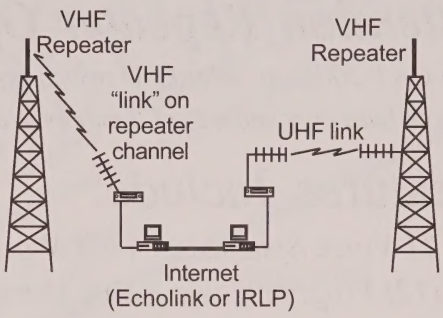


FIGURE 3

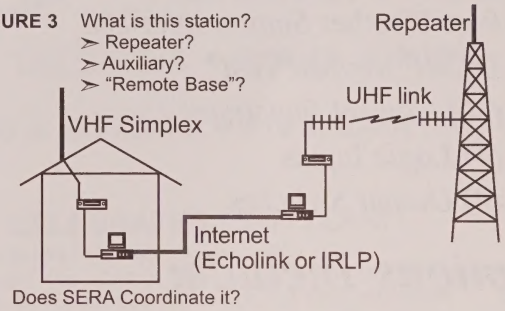


FIGURE 4

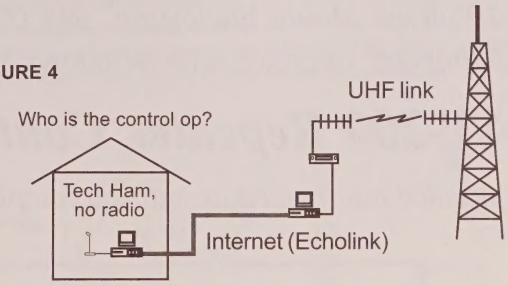
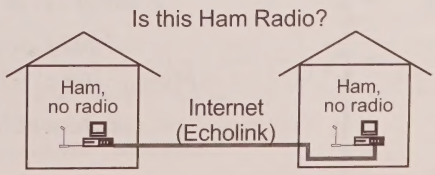


FIGURE 5



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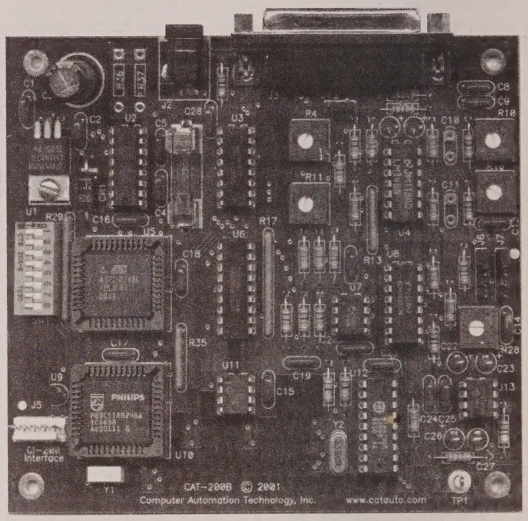

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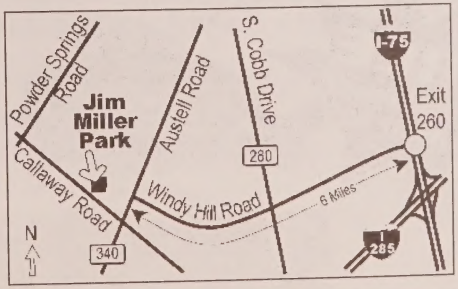

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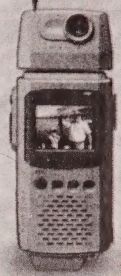

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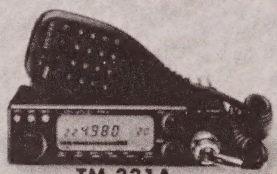

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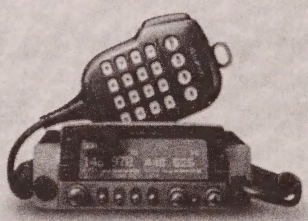

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similar to having a bootlegger talk through your repeater. If you become aware of it, you need to stop it.

There are more alternatives for Figure 4 than the diagram shows. Replace the repeater with any other station - a home HF station for example. There isn't a lot of that happening, yet, but is it legal?

That's another gray area question. With Echolink software, the keyboard "spacebar" becomes your push-to-talk button. You push the bar, and a transmitter comes on, somewhere. Someone else is the control op, but it seems that if you are a licensed ham with privileges to use the band and mode you're about to activate, it's OK for them to let you do that with only the pre-approval that you've qualified yourself by registering your Echolink software.

If the fingers hovering over the spacebar belonged to a non-ham (or a ham not licensed to use the band/mode of the transmitter connected to the remote computer), then the answer is different. The control operator can't just let you go ahead without, well, getting to know you a little bit first.

The rules don't spell this out at all - the details of just how distant a non-ham can be and still press the "PTT button." OK if they're in your shack with you watching. OK if they're on a phone patch (using VOX). But not OK if they're an unknown quantity who just happened to dial your station up on the 'net.

Figure 5

Figure 5 was fun. I put up this slide, and took a quick poll of the room. It was almost unanimous - not just "no," but... "*heck no!*"

But think about it. What is ham radio? Obviously getting on the air and talking. But is that all? Isn't going to your club meeting "ham radio?" Building a project. Working on the repeater, climbing the tower, teaching a class, or attending a hamfest?

In that spirit, even Figure 5, a chat between hams over the Internet, is ham radio.

Now, if the real radio component of ham radio went away, or was even seriously diminished, our reason-to-be would be gone. The Internet can't *be* ham radio. Anyone with a sound card can play Internet audio. Maybe that's what the hams who say "no" are worried about. But Internet linking of, by and for hams is clearly part of ham radio.

We re-voted the poll after some discussion, and Figure 5 was back in the fold.

We'll conclude the way we began. Internet linking is fun, and it's going to get bigger fast. It presents some challenges to the rules and to good operating practices. The FCC is inclined to let us work our way through it for a while. If you use it, and especially if you set up a linked transmitter, consider how you want the system to work. Not just for your immediate needs, but for the long haul. ■

HAMFEST DATE CHANGES

There are an unusual number of hamfests moving to new dates and new locations this year. Here's what we know:

The **Richmond VA Frostfest** is keeping their new date from last year - February 9. The **Union SC** fest moves from December to April 5th, hunting for a warmer day. The **Cleveland TN** fest is also moving to April 5th.

The **Windsor SC** fest has been cancelled. **Durham NC,** moves to May 10 and the National Guard armory because the mall they've called home has closed. They're hoping the Guard isn't activated on hamfest weekend.

The **Bluegrass ARS** fest in Lexington on August 10 has moved to the Central Kentucky Technical College. And there's a new fest in **Clarksville, TN** on Oct. 25.

Changing dates can be tough on a hamfest - don't miss your favorite!

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Part 1
Return to RACES

Mary Holtschneider KG4OQA
KG4OQA@arrl.net

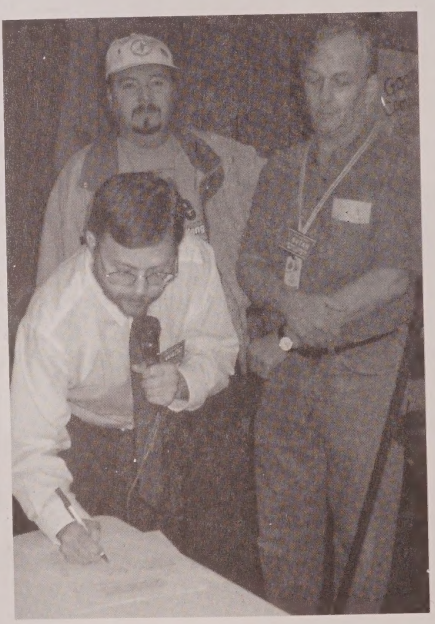
Given the current political climate and the daily discussions concerning homeland security, it is not surprising that there has been increased talk among amateur radio operators about the Radio Amateur Civil Emergency Service (RACES). RACES, unlike ARES (Amateur Radio Emergency Service), is often widely misunderstood, partly because of the way it has evolved. States have implemented it differently over the years, and operators who attempt to understand the intricacies of RACES often end up with more questions than when they started.

RACES was developed in the early 1950's as a response to the escalating tension of the Cold War. In World War II, Amateur Radio was shut down. A poorly planned "War Emergency Radio Service" was formed a year after the US entered the war, and was staffed mostly by Amateurs, but it could not have coped with serious domestic emergencies or the need for civilian war-related communications.

The original intent of RACES was to have Amateur Radio operators serve in a civil defense role. Training for this function was done at the local level and taken very seriously. Gerald Hensley K8AFP, South Carolina RACES Officer and former SC Section Emergency Coordinator (SEC), recalls going to local ham club meetings every two weeks in Dayton, Ohio as a teenager in the mid-1950's. After the club meetings, he and the rest of the group would then go to the county civil defense office and train, often not getting home until very late. Obviously, the operators back then regarded this civil defense responsibility very seriously, as there was daily threat of nuclear war.

Since RACES was so closely aligned with the "duck and cover" era, interest in it decreased during the later 1960's and 1970's. A turning point for RACES occurred in 1979, when an executive order signed by President Carter merged many disaster-related responsibilities into the Federal Emergency Management Agency (FEMA). In addition to the management of natural disaster services, FEMA was also given responsibility for civil defense, which had been previously housed in the Department of Defense. Though the original intent of RACES was civil defense, it was now broadened to include other emergencies, such as fires, floods, and earthquakes.

RACES is not affiliated with the ARRL, as ARES is. The ARRL, however, advocates dual membership and cooperation between the two groups. The ARRL allows league officials to develop the best working structure in their own areas; hence, RACES and ARES operations can and do vary greatly from state to state. Some operators interested in emergency communications, but opposed to practices and/or policies of the ARRL, have developed RACES operations over the years so that they specifically would not have to be affiliated with the ARRL.



NC ARRL Section Manager John Covington W4CC signs the new Memorandum of Understanding between the ARRL and North Carolina Emergency Management. Behind him are John Guerriero KG4HDT and Tom Brown N4TAB, ECs who work closely with NCEM in Raleigh, the state capital.

RACES/ARES operations in the SERA member states are diverse, as they are in the rest of the county. Some states have two distinct groups, such as Virginia RACES and Virginia ARES, that operate independently. VA RACES, which is not affiliated with the ARRL, focuses only on emergency communication and not other activities, such as public service events, according to Tony Amato KR4UQ, VA State Emergency Radio Officer (SERO). VA ARES, which is affiliated with the ARRL, would transition to RACES if activated and would support the state or a locality in the event if necessary, according to Carl Clements W4CAC, SEC, VA ARES. VA ARES is involved in other activities beyond emergency communication, such as public service events participation.

Hensley explains that in South Carolina, individuals are encouraged to belong to both RACES and ARES, and, due to the HF frequency requirement for RACES operation, individuals need to have a General Class license or higher.

In West Virginia operators hold dual membership in both RACES and ARES, according to Morris McMillian W8XF, WV SEC, though there are some local RACES groups. In Tennessee, ARES and RACES work cooperatively. There are some separate groups at the local level, according to Sheila Tallent, KB4G, TN SEC.

Other states do not have statewide RACES programs, such as Georgia. According to Michael Boatright KO4WX, GA SEC, "Our ARES groups are as closely aligned as RACES would be expected to be, and so it has not been necessary – at least at the state level – to organize a RACES program in GA."

According to Malcolm Keown W5XX, Mississippi Section Manager (SM), "MS has a growing ARES organization that supports the National Weather Service through SKYWARN and provides watch communications for the Red Cross. RACES/ARES cooperation is primarily at the county level."

In Kentucky, according to Ronald Dodson KA4MAP, KY SEC, the only dedicated RACES activity is in the Louisville/Jefferson County area. "KY Division of Emergency Management and most local emergency management agencies (EMA's) use ARES operators with the stipulation that a licensed amateur radio operator utilized at the request of a local or state EMA is considered a RACES station in the state," states Dodson. KY officials are in the process of rewriting their statewide ARES plan to better clarify this stance.

North Carolina has recently moved forward in clarifying the relationship between the NC State Division Division of Emergency Management (NCEM) and the ARRL. A Memorandum of Understand-

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ing (MOU) was signed in November, 2002 by Dr. Kenneth Taylor, Director, NC Division of Emergency Management, and John Covington W4CC, NC SM. The MOU formalizes the coordination of communications during disasters and emergencies and clarifies, among other things, the responsibilities of the ARRL appointees, the NCEM, and local emergency management coordinators.

NC has also started requiring that all ARES operators officially register with their local ARES group in the event that RACES is activated. This will ensure an appropriate transition from ARES to RACES if needed, as oftentimes it is the same operators who will just switch roles. The FEMA guidelines (Section 2-8) state that records should be maintained by RACES Units, including member application forms and records of participation in activation, drills, and training. NC Section officials are finalizing statewide guidelines for RACES requirements, which will include registration procedures.

With the passage of the Homeland Security Act of 2002, discussion of RACES will continue to be in the forefront as states attempt to plan for possible RACES implementation. How this evolves will be explored further in Part Two, scheduled for the May *Repeater Journal*. ■

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Winter Board Meeting

The SERA Winter Board meeting for 2003 covered the usual wide range of topics, from personnel changes to an FCC review. Here's the synopsis:

Software Training

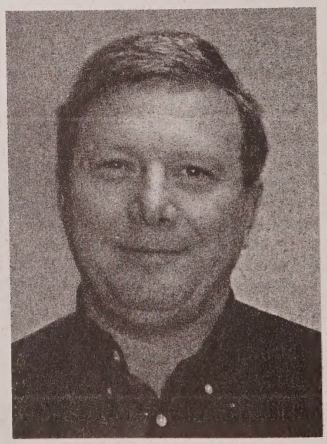
Saturday morning was devoted to training. SERA has purchased a program called *ComStudy* that will give coordinators a much more scientific tool to analyze the coverage of individual repeaters. It combines the SERA repeater database with terrain maps and coverage predictions, and plots a map that shows where repeater coverage may overlap. Frank Lynch W4FAL gave coordinators an overview of how the program works.

Jeff Benjamin W4KMB (left) steps up to the GA Director chair, while Terry Jones W4TL becomes the GA Vice-Director

Personnel Dept.

A few changes to report:

Rick Wright W4LOC resigned as Georgia Director (but will remain as SERA Vice President and Assistant Director). SERA bylaws say that when a Director resigns, the Vice-Director is automatically promoted to that position, so **Jeff Benjamin W4KMB** becomes the new Georgia Director.



New TN Assistant Director Jerome Buie KB4POA will also be the Frequency Coordinator for the central part of the state.

Jeff's first act as Director was to nominate **Terry Jones W4TL** as Vice Director, and Terry was approved by the Board.

Tennessee has a new Assistant Director. Director Tim Berry WB4GBI nominated **Jerome Buie KB4POA** of Clarksville, and the Board agreed. Jerome will be the frequency coordinator for middle Tennessee.

Mississippi Director Steve Grantham N5DWU nominated **Aubrey Bilbo KE5LT** as Assistant Director, and Aubrey was approved by the Board. Steve also announced that **Charles Diamond KG4CKW** has volunteered to be the Mississippi corespondent for the Repeater Journal. Look for his column beginning with the May issue. (West Virginia remains as the only SERA state without a correspondent. Anyone interested should contact *RJ* Editor KN4AQ.)

Finally, since no nominations were received from the floor in November, all other Directors and Vice Directors were declared reelected, and the Directors reappointed most of their assistants.

Datasheet Results

All the returned Repeater Datasheets have been processed, thanks to a tremendous effort by David and Sharon Ward. Thanks also to all the repeater owners who returned the datasheets promptly.

About 60 of the returned sheets showed new information that will require the repeaters to be recoordinated - typically a change

in location. This isn't the way it's supposed to work. Repeater owners are supposed to apply for new coordination using Form 3 (available on the SERA web site) *before* moving a repeater or changing other significant parameters like power and antenna height. If you change your repeater without new coordination, it becomes "uncoordinated" in its new configuration (whether SERA knows about it or not). Just putting new information on the Datasheet does not constitute a request for new coordination.

The frequency coordinators will be contacting the owners of the 60 repeaters to tell them they need to file a request for recoordination.

SERA Maintains NFCC Membership

At both meetings in 2002, the Board discussed whether SERA should remain a member of the NFCC (National Frequency Coordinators Council). The NFCC is an umbrella group of frequency coordinators from across the country. Some SERA Directors wondered if SERA was getting anything out of its NFCC membership.

NFCC President Nels Harvey WA9JOB replied to SERA's request for information, pointing out that SERA was unique among frequency coordinators in that it is an amalgamation of eight states in one strong body. Since the FCC does not recognize specific frequency coordinators, and says that anyone can be a frequency coordinator based on the recognition of their fellow Amateurs, smaller coordination groups need the recognition that the NFCC can provide to discourage disruptive challenges by "alternate" coordinators.

Nels said that the NFCC is continuing its effort to provide the FCC with a "single point of contact" for questions about coordination. Forming a single point of contact was one of the initial goals of the NFCC when it was formed in 1996. In those "pre- Riley Hollingsworth" days, the FCC had been unresponsive to coordination problems flooding it from coordinators and repeater owners. Coordinators hoped a single contact, filtering coordination problems and perhaps solving some before they needed FCC action, would help the commission be more attentive to repeater coordination issues.

Once Riley Hollingsworth was assigned to handle Amateur Radio enforcement, coordinators found that they could communicate directly with him, and the Single Point of Contact idea seemed less urgent. Nels believes that the FCC can still benefit from one source of information, and he may be right (see "Riley's Message to Repeater Owners" elsewhere in this issue).

Another NFCC benefit not yet completed is a central database of all frequency coordination information. If a frequency coordinator or group goes "out of business" and their data is unavailable, the NFCCcould help a replacement coordinator get started without having to collect information from scratch (the ARRL's Repeater Directory is a small subset of all the data maintained by coordinators, and would not be an adequate replacement).

Frank Lynch W4FAL said that the ARRL's Repeater Directory editor, Brennan Price N4QX, asked SERA to remain in the NFCC. Nels Harvey pointed out that the NFCC may need SERA more than SERA needs the NFCC, and asked SERA to remain a member.

Following the discussion, Dick Fowler N8FMD withdrew his motion made last June for SERA to withdraw, and SERA will continue to be an NFCC member.

SERA for Life?

Repeater Journal editor Gary Pearce KN4AQ brought up the question of SERA Life Membership, saying that a few members had inquired about the possibility. Treasurer Johnny Wofford WA4ETE said that would create a lot of extra work keeping IRS records for "income" that is being held for future obligations. Though it might be a convenience for members and help with membership record-keeping, it's not an option. SERA will maintain its two-year limit on membership duration.

SERA Considers IRLP/Echolink

Gary also led a Board discussion on some of the rules implications for stations operating as part of the new internet-based linking systems, such as IRLP and Echolink. The discussion was based on an interview he had with the FCC's Riley Hollingsworth, and is covered in depth in a feature article in this issue.

The link's the thing. SERA's direct role in repeaters with internet links may be limited. SERA coordinates the repeaters, of course, and any frequencies used by Auxiliary Stations acting as radio links between components of repeaters.

But the SERA Directors feel they will have a greater role to play, advising on general spectrum utilization and interference potential for stations being set up in this rapidly growing new aspect of Amateur Radio. As the feature article explains, there is an apparent gray area in the rules for some of the stations that are part of internet linked systems. Before the FCC interprets existing rules or creates new ones, Amateurs have an opportunity to decide how they want these stations to fit in our spectrum. ■

KD4IRI Recovering, Business Likely to Close

Tom Forrest N4GVK

A long-time friend of ham radio and business owner James Waldrop KD4IRI, of IRI Amateur Electronics, is on the mend after having a quad-bypass heart operation November 6, 2002 and complications following on December 24.

The operation was the result of a heart attack during the Christmas holidays of 2001 at which time a stint was inserted. This procedure was successful for a short period.

James' store, IRI Amateur Electronics, was located in Jamestown and was closed March 1, 2002. James cited the lack of business, the economy and his health for the closing. He moved what inventory he had back to his home at 918 Plantation Farms Rd, in Greensboro, and continued selling at area hamfests. James started his business in late 1991 and opened the store in Jamestown in 1996.

On December 24, James experienced a major setback when two of the four bypasses collapsed. Doctors have placed James on complete rest so he can regain his strength. An evaluation will be made later as to what procedures can be performed to maybe improve his condition.

"The future is uncertain at this time and they're treating me medically," James said.

"I really don't know what I'll do," he added.

For right now, he's going to sell what inventory he has left from the store out of his home. Although he does not have e-mail access, he can be reached by phone at 336-299-0854. ■

James Waldrop KD4IRI, in better times at his booth at a hamfest. SERA wishes him better health and a chance to get back in business.

Tennessee - French hams hold digital QSO record

Bob Gault KD4NEC
Tennessee Correspondent

In the footsteps of communication pioneers whose experiments resulted in Amateur Radio as we know it, two 21st century pioneers are helping to shape amateur communications future generations will enjoy.

Doug Smith KF6DX, operating an amateur station in Sevierville Tennessee, and Didier Chulot F5MJN, thousands of miles away in Paris France, are holders of a distance record for digital voice communications. They made the historic contact on November 22, 2002 on 21.218 MHz in the 15 meter band. Smith said they used Ten-Tec transceivers and digital audio systems from Thales Communications in Paris for the transatlantic contact.

KF6DX operating a TEN-TEC Orion and the Thales digital voice system on 15 meters Photo by Eric Guinn AC4LS

"It wasn't a long conversation," Smith said in an interview with the Repeater Journal. The brief exchange followed the course of a typical HF contact such as signal readability and call signs. But, Smith said, "we also exchanged information about demodulated signal-to-noise ratio in the system."

The equipment used on this side of the Atlantic is located at Ten-Tec, where Smith is chief engineer. A fascination on expanding digital communications to Amateur Radio began several years ago, and eventually landed him a spot on a committee exploring it's future. Smith chairs the digital voice working group, one of several functioning under the ARRL's Technology Task Force. A report on their progress was due in January.

Digital should greatly change analog amateur radio communications that we use today. In essence, you will be able to combine several modes. The chief advantage of digital is simultaneous transmission of voice, data, and video.

A CQ transmission, as one example, could include information such as the sender's interests, Smith said. Error detection and correction are also possible. "Digital voice really is here in amateur radio today."

"The Ten-Tec / Thales system is based on a new international broadcasting standard adopted last year by the I-T-U," Smith wrote in a press release announcing the intercontinental link. "Digital broadcast signals occupy up to 10 kHz of bandwith. The FCC has approved a similar standard for AM broadcasting in the US. The 3 kHz Amateur Radio version is expected to appear on the market in early 2003."

One downside is sudden degradation of the signal as it gets noisy. Beyond a certain point, Smith said "they degrade very rapidly." But for an amateur who wants noise free reception, and the ability to send voice, data, and video, and have perfect reproduction, digital will be a mode you will want to try.

Smith sees one task ahead of spreading the word about how digital could revolutionize amateur radio. "I think we need to encourage other hams to experiment with it." Equipment manufacturers anticipate releasing new products this year, hopefully spreading the consumer market's interest in CDs and DVDs to Amateur Radio where interest has declined in recent years.

But acceptance, he adds, "will be proportional, in part, to the quality of audio coming out of these systems."

Experimentation will continue using systems offered by several manufacturers. He said VHF and above will offer much higher bit rates than HF, improving the quality of transmissions. There are repeaters on the air in the US that use a government emergency services standard.

Operating station F8KGG, Chulot spoke for several minutes using the HF digital link, operating within a 3 kHz bandwidth. Signal strengths were S-5 to S-7 and readability was 5 in both directions. A mean opinion score of 3.5 of a possible 5 for audio quality was recorded by KF6DX in the QPSK mode, which runs at 1200 bits/second.

"We view this as a significant accomplishment," Smith said in the release. "Amateur Radio has long been at the forefront of technological development. It's nice to be able to show that our legacy is alive and well."

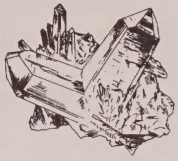
He concluded, " We at Ten-Tec are pleased to have been involved in the experiment, and we're happy to be able to provide the transceivers."

HIGH SPEED MULTIMEDIA HAMMING COULD BE THE NEXT BIG THING

ARRL Letter

High-speed multimedia hamming via the "Hinternet" could be the next big thing for Amateur Radio. That's the hope of the ARRL High Speed Multimedia (HSMM) Working Group, which is adapting the highly popular IEEE 802.11b Part 15 wireless Internet protocol to Part 97 amateur operating.

"We expect it to be nothing less than revolutionary!" says John Champa, K8OCL, who chairs the ARRL HSMM Working Group--a subset of the League's Technology Task Force. The Working Group's new "High-Speed Digital Networks and Multimedia" page - **www.arrl.org/hsmm** - recently premiered on the ARRL Web site.



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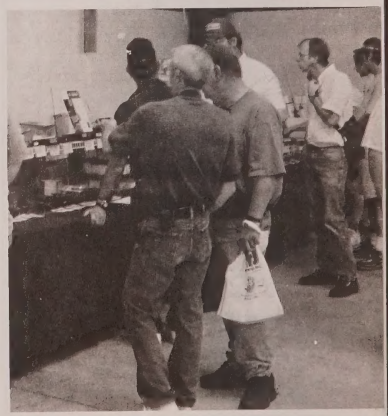

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Riley's Message to Repeater Owners

Gary Pearce KN4AQ

Repeater owners need to solve their own problems with users, and not rely on the FCC to arbitrate every dispute.

That is the message that Riley Hollingsworth, the FCC's Special Council for Amateur Radio Enforcement, wants to send to repeater owners. Mostly, he wants to send the message to California repeater owners, and just a handful of California repeater owners at that. But it's a message that allll repeater owners need to hear.

The problem is that the FCC has received a lot of requests for enforcement action by repeater owners, against repeater users. The problems include jamming, unidentified transmissions, playing music... the usual gamut of bad behavior exhibited by malicious, or maybe just mischievous hams. Action on these enforcement requests is taking too much time and FCC resources, when the repeater owners themselves have tools to handle them on their own.

What tools?

Riley says identify the hams causing the problems. Tell them to stop using the repeater (you have the authority - a repeater can be "closed" to individual hams, and several enforcement letters in the past year have made that point). In an extreme case you can go to court and get a restraining order (much easier said than done, but it is possible and has been done - in California, of course).

And finally, you can turn off the repeater.

Turn off the repeater?

I'm afraid so. Riley noted that operating an amateur station, including a repeater, is a volunteer activity. You don't have to do it. He compared it to opening your front door and allowing anyone to enter your shack and use your station. You are responsible for their behavior. If you don't like what's going on, you boot them out and close the door. You don't ask the FCC to spend tax dollars to handle your problem.

Wait a minute! If a user behaves badly, and a control operator immediately turns off the repeater in response, who is really in control of the repeater? In reality, it's the user! "Hey, watch me get the repeater shut down..."

Riley is sympathetic to that problem, and he's not saying the repeater must be shut down instantly, every time there's a problem. At hamfests he has repeated the common recommendation for solving a problem with a malacious ham: ignore him and he'll go away because he's seeking attention. He will get bored quickly if he doesn't get it.

Hollingsworth to appear at WFU

Riley Hollingsworth K4ZDH will speak at Wake Forest University in Winston-Salem NC on Thursday, March 6th. Hollingsworth is an alumni of WFU, and current WFUARC President Chris Plumblee KG4CZU reports that he "has agreed to return to campus to receive a certificate commemorating alumni membership #1 in the WFUARC." Hollingsworth is also scheduled to appear at the Charlotte Hamfest the following weekend.

The event will be held in Wingate Hall at 7 PM. All hams are invited to attend, but please RSVP Chris so he knows how many to expect. Contact Chris at:
plumcg0@wfu.edu or 336.758.8563

That works for repeaters, too. I explained my philosophy of repeater control - that I did not shut down a repeater just because someone was abusing it. In fact, it was important to *not* have the repeater, or anyone else, react to their behavior. Sooner or later they go away. Usually sooner.

But if they manage to tempt the legitimate repeater users into some kind of reaction, like insults, threats of being caught and such, it's time to act. The repeater goes off and stays off for a long time. The repeater owner has a responsibility to educate the user community that reacting to malicious behavior is as unacceptable as the bad behavior itself.

Riley thought that this is a workable solution, and a repeater owner or control operator shouldn't fear enforcement action if they follow that kind of procedure.

An exception: if you've identified an unlicensed "user" causing a problem, Riley wants to know about it.

Riley's message is embedded in a recent enforcement letter to the owner of a Berkeley, California repeater. Bruce Wachtell K7IJ and his repeater have a long, sad history with the FCC. K7IJ is one of the California "zoo" repeaters. Anything goes, the more outrageous, the better. Control operators are alleged to encourage jamming, unlicensed and unidentified transmissions, the works.

Wachtell himself doesn't hear it. His license address is in Carson City, Nevada, and he is a radio operator on a merchant ship, at sea most of the time. In 1999, the FCC began a series of enforcement actions against Wachtel, some of his control operators and users. The repeater was shut down for a few months.

It came back on the air when Wachtel reached an agreement with the FCC to have his control operators take control of the repeater, and notify the FCC of illegal operation. That began another stream of enforcements, and finally another letter to Wachtell in November 2002, that said in part:

> Since the repeater bears your call sign, it is important for you to understand that you are responsible for its proper operation. The decision to operate a repeater is a totally voluntarily one. Repeaters are a convenience in the Amateur Radio Service, not a necessity.
>
> A repeater is a station just like any other station, and under Section 97.205 of the Commission's rules, all stations must have a licensee and control operator. Under Sections 97.103(a) and 97.105, control operators must ensure the immediate proper operation of a station, regardless of the type of station control. Furthermore, "automatic" control does not mean "unattended" operation.
>
> Unattended operation is not authorized under the rules.
>
> The repeater licensee is responsible for all recurring violations and violations that are not inadvertent, just as a licensee is responsible for a base station HF station operation in the licensee's home. You must prevent recurring and deliberate violations on your repeater by locking rule violators out, using tones, warning users, limiting its operation, or taking whatever steps necessary commensurate with your responsibility as the licensee of the station. If you are unable to do so, then you must shut down your station.

At the SERA winter Board meeting, the Directors wondered if repeaters were being treated as second-class Amateur systems. The FCC would continue to enforce violations on HF - why not repeaters.

To some extent, it was a matter of scale - lots of repeater problems compared to relatively few HF problems. And on HF, there's nobody else to "pin" the enforcement on.

Most repeater owners have nothing to worry about, especially in SERA territory where this kind of problem is rare. But if you were thinking of dropping Riley a note to complain about a user issue, you might think again. ■

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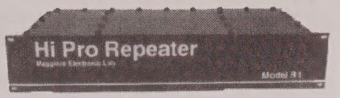

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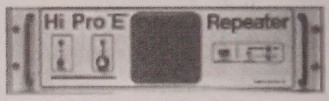

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*Directions: Take Exit 99, Greenbrier St. off I-64/77 towards Airport. Veer right past airport turnoff. Go to stoplight at Go-Mart and turn left onto Coonskin Drive. Armory is about 3/4 mile on left just before entrance to Coonskin Park

Talk In: Call W8CHF on 145.35 Repeater and 146.52 Simplex

TENNESSEE

REPORTED BY
BOB GAULT KD4NEC
221 CEDARWOOD TRAIL
CLEVELAND, TN 37312
KD4NEC@SERA.ORG

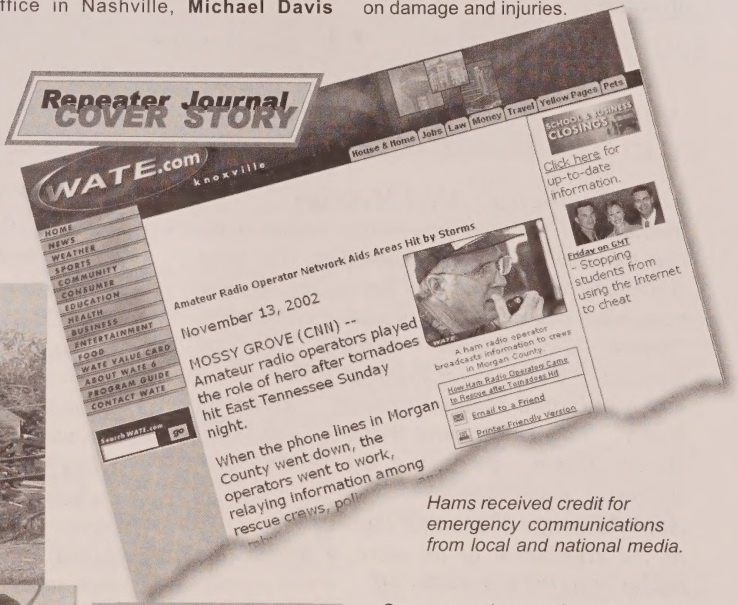
Tennessee Tornadoes

Several parts of the volunteer state experienced severe weather November 9-10, 2002, as a squall line moved through the state. This prompted an activation of **Skywarn** in areas feeling the worst of the storm. Amateurs were needed for communications in several counties including Coffee, Morgan and Cumberland. The worst damage was reported in Morgan County, where residents in Mossy Grove found a "war zone."

It all started on November 9 when the National Weather Service issued a tornado watch for a large number of western counties. A supercell had been picked up on Doppler radar just north of Memphis. The **Middle Tennessee MTEARS Skywarn System** was activated at 2200 on November 9. At the weather service office in Nashville, **Michael Davis KB5YJC** was monitoring the situation and felt conditions warranted putting Skywarn groups in western and northern middle Tennessee on standby. That despite computer models showing a more stable environment over the area.

Within the hour, a tornado watch was issued and amateurs previously in standby mode were activated. Joining Davis were amateurs **Andrew Oldaker KG4SJE** and **Kevin Matheny W1KLM** to man the Nashville office.

Working alongside forecasters Bobby Boyd and Mark Richards, early sightings prompted tornado warnings for several counties, Davis said. One of the first reports came from Sumner County, where **KG4CEM, KD4VVA, WA4PTZ, KG4SFF, W4HB, and K4QCP** responded to check on damage and injuries.


Repeater Journal
COVER STORY
WATE.com
knoxville
Amateur Radio Operator Network Aids Areas Hit by Storms
November 13, 2002
MOSSY GROVE (CNN) -- Amateur radio operators played the role of hero after tornadoes hit East Tennessee Sunday night.
When the phone lines in Morgan County went down, the operators went to work, relaying information among
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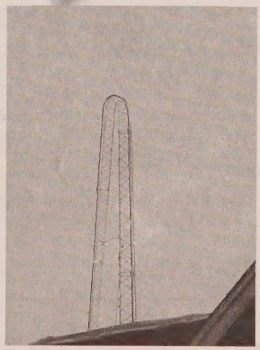
Hams received credit for emergency communications from local and national media.



ARES Operators staffing the Morgan County Tornado Incident Command Center. From left: Ed White KG4ELT, Mike Winters AG4OT and Bob Madewell WA4UOV. Anderson County EC Scott Chippendale WB3EFS commended all the hams who worked the disaster, saying, "Ham radio operators came through during a catastrophic failure in local communications and truly saved the day!"

Severe weather continued across the area into the early hours of November 10.

After a break of a few hours, MTEARS was activated again around 1400 as returns on the Nashville radar began to show up. Amateurs who had worked much of the previous night began arriving at the NWS office. Coffee County, southeast of Nashville, reported a touchdown with several injuries.

Tom Delker K1KY, ARES District Emergency Coordinator for District 4, headed up damage assessment and search and rescue efforts. Davis said, "All of the weather spotter networks and organizations across middle Tennessee were instrumental in providing timely and accurate information. This immensely assisted in our ability to issue tornado warnings and severe weather statements on an accurate manner."

Tennessee's ARES coordinator **Sheila Tallent KB4G** directed the amateur re-

Computer Automation Technology Inc.
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The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group?

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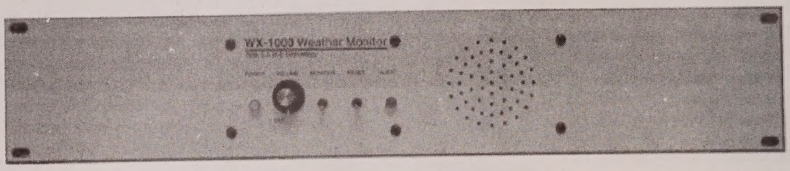
A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and or watches.



Voice Synthesizer Alert Message

Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will periodically key-up the repeater transmitter and announce the nature of the alert. "Severe Thunderstorm Watch" "Tornado Warning" "Winter Storm Warning" "Flash Flood Watch" "Hazard Material Warning" "Avalanche Watch" "Law Enforcement Warning" and "Civil Danger Watch" are just a few of the voice synthesizer announcements.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Repeater Interface

The WX-1000 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.

Weather Enable Input

Ground this input to provide weather reports on demand.

Weather Alert Log

The WX-1000 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to down load the log.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to set off an external alarm or trigger the controller to execute a macro or load a memory save.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-1000 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Weather Disable Input

Ground this input to prevent future alerts once a sky warn net is activated.

Weather Data Output

The WX-1000 provides a raw data output to an alphanumeric pager or a computer based alarm system.

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sponse. She assigned operators and kept them focused on maintaining a formal and directed net.

As the squall line progressed, tornadoes touched down in other counties, virtually removing the small town of Mossy Grove in Morgan County from the map. Dozens of amateurs responded. .

Some of those helping out were **KG4ELT, AG4OT, WA4UOV** and **WB3EFS.** KB4G was interviewed on CNN and the amateur response was the subject of a story appearing in the *Knoxville News Sentinel.*

In other Tennessee News...

An ARES simulated emergency test was conducted on Saturday, November 9. Participants were told to simulate response to an earthquake along the New Madrid Fault resulting in a complete loss of microwave communications throughout the state, loss of electricity in Crossville and damage to several TVA dams. From accounts the drill was a success.

The FCC has completed a review of two testing sessions in Cookeville, Tennessee and has submitted recommendations to the ARRL VEC. The questionable exam sessions were held on December 14, 1999 and March 11, 2000.

As a result of the inquiry, the FCC's Special Counsel **Riley Hollingsworth** recommended the ARRL no longer accept the services of five VE's who participated in the session. The brother of one VE was also downgraded by FCC order.

In a letter dated November 18,2002, Hollingsworth said members of the VE team "participated in the examination of applicants they knew, or should have known, to be related to certain VE's." It was also stated that the location and date of the examination for a disabled applicant was concealed "and represented to be at a different location and date."

Hollingsworth recommended no longer using the services of **James N. Keaton W4SOH**, **Marcia C. Droke KC4FLW, George S. Droke W5SD, Bobby A. Raymer N2BR, and Steven G. Hunter KF4FAV**. Hunter's brother, **Gary E. Hunter KG4FRN**, who took the General class examination in the March session, was notified in August, 2002 that his license had been cancelled. However, on November 20, Hollingsworth notified Hunter that the letter was in error and he was downgraded to his former Technician class license.

"Please emphasize to your VE's that every participating or administering VE shares responsibility for the administration, oversight and integrity of the test session," Hollingsworth wrote to the ARRL's Bart Jahnke, thanking him for his cooperation on this matter.

With state lawmakers back in Nashville, Tennessee hams have begun new efforts to put PRB-1 legislation on the books. Last year's attempt to pass a bill ran head-on into the Tennessee Municipal League, which has a strong capital lobby. Without their backing the bill died in committee.

It is our hope that we will have time to negotiate an acceptable bill with the TML. We'll update this story in future issues.

Bradley County RACES, under the direction of EC **Randall Walsh KC4KVE**, participated in the Olin/Arch Chemical Company annual disaster drill in November. Agencies who were involved in the exercise were complimentary about the role amateur radio played providing ambulance-to-hospital communications. As a result, the medical service has expressed interest in another test of using RACES members for communications. Ironically, the day after the drill a chemical fire occurred at the Charleston plant, resulting in extensive damage to one building.

Ray Myers KG4LZB is the Cleveland Amateur Radio Club's president in 2003. Other new officers are **Jack Conatser KF4KHN**, treasurer; and **WIllis Monk WB5KHD** club secretary. Returning officers are vice president **Buddy Miller KD4SCS**, and corresponding secretary **Jeremy Gault KD4NED**. They were installed at the Christmas dinner, highlighted by **Danny Smith KF4QWI's** presentation of a club seal.

John England N4XYC has been named District 7 E-C for ARES. He has been active in both ARES and Red Cross emergency communications for some time. England's district includes Bledsoe, Bradley, Hamilton, Marion, McMinn, Meigs, Monroe, Polk, Rhea and Sequatchie Counties.

Ingrid Klose KD4F resigned as ASEC for East Tennessee to accept a new position with the Tennessee section cabinet. **Mark Wills AG4OA** will move up from District Emergency Coordinator to Assistant Section Emergency Coordinator. Replacing Wills in District 9 is **Darlene Lamnah KG4DIH**. West Tennessee's ASEC is **Alex Grahm KE4GYR**, and in Middle Tennessee it is **Tom Delker K1KY**.

Middle Tennessee Skywarn is recognizing five "Hams of the Month" for their dedication to Skywarn and amateur radio: **Don Hunt K3DH**, January 2003; **Jimmy Floyd NQ4U**, February 2003; **Doug Lowe N1EMP**, March 2003; **David Wilson WB9LHO**, April 2003 and **Dr. Gary Oakes W4EMS**, May 2003.

The **Wilson County Amateur Radio Club** will have some excellent leadership in 2003. **O.D. Keaton WA4GLS**, a familiar name in amateur radio, was elected president; **Landon Roeder KC5ACP,** vice president; **Angela Bailey KD4ZHT is club** secretary and **Greg Tomerlin WN4M** is treasurer. Our congratulations to Angela, who was named WARC ham of the year.

Wilson County conducts a weekly net on its 147.105 repeater Thursday evenings at 7 p.m. (CST) Amateurs within range of the repeater are invited to check in.

The **National Weather Service office in Morristown** took part in the December 7 Special Event Station. **Howard Waldron** tells us around 400 contacts were made.

I want to welcome **Jerome Buie, KB4POA**, middle Tennessee coordinator, to the Tennessee team. 'Till next time,

73's KD4NEC

Mississippi Tornadoes

Bob Ray K5VVA

from the

LOWNDES COUNTY AMATEUR RADIO CLUB BULLETIN

"Tornado Edition"

November 12, 2002

As Yogi Bera said, "it was deja vu all over again"...two major storms in two years for Columbus, MS. This time it was a tornado. But the timing could not have been better. We had the statewide Simulated Emergency Test (SET) exercise on Saturday and the real thing Sunday.

Repeater Journal COVER STORY

On Sunday, November 10, two tornadoes hit at 7:20 PM on the South and East side of the city. The damage to Mississippi University for Women (MUW), and along highway 50 was extensive. There was one fatality in the Crawford community. The governor was in town today to review the damage.

Our club, with assistance from clubs in Starkville, Tupelo, and West Point, provided emergency communications. What did we do? The short answer is "everything". The variety of services provided is impressive. Here are just some of the things done:

- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters.
- Transported homeless people to shelter.
- Took meals to sick people.
- Set up and provided emergency

communications at the EOC, Red Cross, Salvation Army and shelters.

- At 11 PM on Sunday night, we transported 10 "trustees" from the county jail to the MUW campus to remove a large tree from the street. (I still can't believe we did this.)
- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters.
- The power was out at the Red Cross building, so a ham and a county supervisor secured a generator and set it up.
- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters. Sunday night, hams coming in from Tupelo learned from monitoring the repeater that there was a shortage of gasoline for a generator. (No electricity to pump gas.) Enroute, they stopped and bought gas.
- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters.
- A ham monitoring the repeater, learned that the county had provided a generator for a shelter but had neglected to provide heavy duty extension cords. The ham rounded up some cords and brought them to the shelter.
- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters.
- Transported water, ice, and meals to emergency workers.

- Set up and provided emergency communications at the EOC, Red Cross, Salvation Army and shelters.
- Guided chain saw crews to downed trees blocking roads.

One of our club members lives on the edge of the tornado's path and is completely blind. We hadn't heard from him, so at 2 AM Monday morning we were pounding on his door to make sure he was OK.

Here is an Honor Roll of hams who participated or checked into the emergency net. (My apologies to anyone inadvertently left out.)

KC5OXJ Columbus	W0CIR West Point
AD5DO Columbus	AC5MR Starkville
KA5MAN Columbus	KC5OXI Starkville
AD5LH Columbus	KD5IKG Columbus
KD5LIL Tremont	KC5VSB Columbus
KD5TDO Columbus	KD5MSZ Starkville
W5BJM Columbus	K5VVA Columbus
KD5LDT Starkville	AD5HM Starkville
KK5OI Amory	AD5CX Columbus
KD5FOX Columbus	KD5FUO Columbus
KD5HVF Columbus	KD5TDH Tupelo
KJ5JR Nettleton	KD5JXL Tupelo
AA5MT Starkville	KE4LWT Tupelo
KC5LIO West Point	KD4LOF Vernon,
AL AA0NN Columbus	KM5MS Columbus
KD5NSP Saltillo	KD5RTF Amory
KD5TDP Columbus	WB5VYH Oxford

It's significant to point our that with only a couple of exceptions, all of the hams listed from outside Columbus, traveled to Columbus and actively participated in the emergency work. A special thanks goes out to these hams. It's gratifying to know that we have so many friends.

Finally, a special thanks to our local Emergency Coordinator, Doug Scallions, KD5FUO, who did a really outstanding job.

Bob Ray, K5VVA
Editor

North Carolina Ice Storm

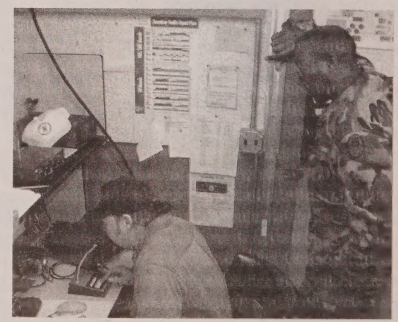
ON THE COVER: the radar picture is the storm that coated much of North Carolina with a half-inch of ice on Thursday, December 5th. The storm began moving across the state as snow and sleet on Wednesday afternoon, and turned to ice overnight. With temperatures hovering just below freezing, a half-inch or more of ice coated trees and power lines. Power failed to several million homes across a wide belt in the center of the state. Telephone service had fewer outright failures, but both wired and cellular service was sluggish due to the high volume of calls.

The amateur radio story began Wednesday afternoon, as SKYWARN spotters tracked the storm for the National Weather Service. As night fell and power failed, the Red Cross and county emergency managements began opening shelters to give people a warm place to stay. Amateurs in several dozen counties staffed EOCs, shelters and Red Cross offices to assure continued communications. There was no statewide communications emergency, but ARES operators kept watch on the statewide ARES HF nets, and the state EOC in Raleigh remained on the air.

On Friday, with millions of people heading into the second night without power out and temperatures predicted to dip to 18 degrees, North Carolina Governor Mike Easley declared a state of emergency and decided to send the National Guard out to do house-to-house canvassing in 22 counties, to make sure people without phones, radio and TV knew there were shelters available.

The communications plan for the Guard units was to use cell phones to call into the State EOC and make their reports. NC Emergency Management asked if Amateur Radio could provide a backup if the cell phones didn't come through. But, they couldn't pin down when or where amateurs might be needed.

John Guerriero, KG4HDT, the Emergency Coordinator assigned to cover the State EOC, arranged for the Tarheel net (NC's statewide ARES Net) to operate all day Saturday. He announced on Friday's nets that operators may be needed at any time in the 22 counties covered. He was especially in-



John Gurriero KG4HDT demonstrates Amateur Radio for NC National Guard Sgt. Major Booth, at the State EOC station in Raleigh.

terested in hams with HF mobile capability.

Operators from many of the affected counties maintained watch Saturday, and Guerriero demonstrated the HF and VHF Amateur Radio operation to the National Guard coordinator at the EOC. Ultimately, however, the hams received no requests for Amateur Radio communication.

One county did work directly with the Guard. In Alamance County, ARES operators who already on duty providing communications between the EOC, the Red Cross and shelters offered to accompany the Guard, but were told that civilians could not ride in military vehicles. Instead, the county provided VHF radios left over from a recent move to 800 MHz, and the Amateurs at the EOC acted as dispatchers. Alamance County EC Dwayne Ayers, N4MIO, reported that this arrangement wasn't nearly as good as the coverage the hams could have provided, but it was all the Guard would accept.

ARES operation in some counties continued through Monday, though with much power restored and shelters closing, most Amateur Radio activity secured by Sunday evening. ■

Let's Look at it- this way!!

Marvin Whatley AA4YW
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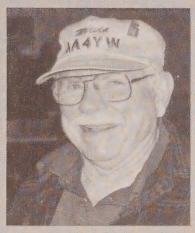

Follow Me!

It seems a common perception that what the world needs is more leaders. If you listen to anyone in the education business (teaching) you hear that a primary goal is to develop "leadership ability". Wouldn't it be a wonderful world if everyone were leaders? (Somewhere in that there is a little problem, but we won't be distracted now.) This is consistent with the goal of teaching our young people to express themselves before they have anything to say and to assert their opinions even while holding the most superficial understanding of the implications of the alternatives. And they so soon grow into adults. We should all aspire to be leaders. Once there was a notion that we called on a leader when there was a destination or a purpose in mind. How frequently we elect, or otherwise create, a leader when he nor anyone has any idea of where we should be going. There are always platitudes like "forward," "upward," "better," etc., which are comfortably void of specific meaning. The new leader, lacking a specific direction, often must look around for some problem to solve or something bad to fix. Everyone knows that the true mark of a real leader is that he changes something. If there were no real problems before, this may serve to generate some. But a good leader will always think of something.

Decisions are never made by the most qualified individual. This jewel of insight came to me about a year ago and I have been playing with it ever since. The logical development is simple and straightforward. If we start with two aspiring youngsters of identical potential and one of them devotes himself exclusively to the study of analysis, logic and the fundamentals of a particular field while the other covers these same subjects but dilutes his education by studying management and developing his "people skills," inevitably upon entering the real world the one with the people skills will advance to the superior position. When a decision is required in their field, the one in the stronger political position will make the decision although the man who devoted himself entirely to study in that field would be better qualified. If you think this logic is flawed, read it again.

I tried this on a respected colleague in management and he rejected it out of hand. He was confident that the one who had gained a strong position in management would be better qualified (ignoring the logic). There is a natural human tendency to endue our leaders with exalted qualities. Indeed, pre-renaissance cultures often deified their leaders. It is natural to assume that skills in management transcend all others and all problems are better solved by managers. This is not unlike the sometimes held belief that if a problem is approached prayerfully and with proper contrition, a lack of information and analytical tools can be overcome.

But there was wisdom if not logic in his assertion. If these two aspiring youngsters were equally intelligent and competent, they both knew that the real money and glory are in management and not in being the best in the ranks, so they would both go into management. In other words, if a person is smart enough to master the basics of a field and make himself highly qualified to solve the problems and make the decisions in that field, he is also smart enough to realize that such a pursuit would be a distraction and a diversion from his more important goal of leadership. The conclusion is that no one of intelligence and competence will pursue a course that does not include a lot of management training. In fact you will note that the one who devotes most time to management training will eventually be the boss. In fact, why bother with anything else.

You may remember the Harvard MBA program that trains managers. It doesn't appear necessary for them to know anything about what they are managing, if they are good enough managers. But, of course, that brings us close to where we were: if those of adequate competence do not thoroughly pursue analysis, logic, and the fundamentals of a field, there will be no one as qualified as he might be to make the decisions.

It has long been recognized that the qualifications to be elected to a political office are independent of and relate only weakly (if at all) to the qualifications to successfully execute the responsibilities of that office. It is less generally appreciated that this principle permeates the entire structure of human endeavor. So, in this flawed world, what should we do? We could take all the leaders out and shoot them. At various places in the world at different times that has been tried and almost never accomplished anything. Experience has shown that we must endure the leaders: in government, in our organizations, in our clubs and in most efforts that require more than a single person. Amateur radio bears a broad assortment of leaders, denizens of clubs, nets, emergency groups, magazines (look out now!), etc. I want to limit this treatment to levels less than global or national to keep it where we live.

When it is absolutely necessary to choose a leader, there are recognized criteria: (1) He must want the job. (2) He must not too badly upset those who work under/with him. (3) He must meet some minimal level of competence.

Taking these in order, we note that the first is by far the dominating requirement. Some will say "I don't really want the job, but I am willing to take it if called." Don't believe that. No one ever takes this kind of job if he doesn't want it. But finding someone who wants the job seriously restricts the field. There are those who may be nicely qualified who will stand aside because they don't want to commit the time and effort necessary for a creditable job.

There are various reasons why an individual might want the job. True nobility and altruism are extremely rare, and rarely do we find a qualified person who loves the institution and recognizes that his efforts in this job will foster its success. More commonly we find those whose primary hobby is being "a very important person." These guys often have secondary hobbies like amateur radio, but their first energies are devoted to being very important. The exhila-

ration of saying what is to happen and having people standing in line waiting for direction is a fulfillment of principal aspirations which is enhanced when colleagues remark on the excellent job he is doing and how much everyone appreciates his efforts. There are always several in the ranks who will proffer such compliments, even with dubious justification. It's unlikely that anyone would volunteer for a job without some desire to be important (we would like him to be human) but it is unfortunate when this is the primary motive. Which brings us to the second criterion.

To keep a happy ship is important. We would expect the new leader to start with a clean slate, his behavior in office determining how long he lasts. Actually, one of the problems of our modern culture is that no one ever gets fired, and bad performers survive numerous debacles and inordinate levels of resentment. (I'm not talking about anybody I actually know.) Unless the individual disgraces himself conspicuously, particularly in an area that has nothing to do with his job, his tenure is unassailable, and he owns the position in perpetuity.

The third criterion, competence, is a tough one because the indices of success vary so greatly. It is in crisis or upheaval that a leader's mettle is tested. Most institutions of long standing, however, perform rather routine functions and largely run themselves. In such cases a leader's job may be (as Andy Griffith said) "reaching the other side of this pasture without either getting knocked down or stepping in something." This is good because when you have something that works it should be upgraded (changed) only if there is an undeniable opportunity for substantial improvement. Again we wonder if the attributes of leadership are really those required to assess the implications of the opportunity.

It takes unusual guts to muster the support of your constituents and rise up with "Follow me" into the unknown. Our history books are full of famous heros who did that and shaped the world by their actions. George Washington, Bill Gates, Edison, Louis XV, Genghis Khan, Hitler, Ed Sullivan and Alexander the Great come to mind. Considering that we have about three thousand years of history, the number you see really isn't that large. History does not record all of those who rose up with "Follow me" and promptly fell on their faces. If it did there would be many, many times as much for our school kids to learn.

So that's what leadership is all about, and where leaders come from. I hope you will take all this to heart and the next time someone who is filling an office of responsibility speaks to you, you will respond politely with a "yes, sir." If you don't you may wind up in his shoes and then you will be sorry. ■

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NC Hams petition for Vanity changes

From ***The Delta Loop,*** *newsletter for the* ***Triangle East Amateur Radio Association***

TEARA members Bill Edwards K4BWC, Frank Lynch W4FAL and Norman Young KA4PUV filed a Petition for Proposed Rulemaking with the FCC on September 10, 2002. This petition sought either a change in Part 97 Amateur Radio Service rules or a modification of the FCC's current vanity call sign policy.

Currently, an applicant may file as many applications for a particular vanity call sign as he or she desires. Each application must be accompanied by a fee of $14.50, but if the applicant is not awarded the call, a refund may be requested for all unsuccessful applications filed by the applicant.

For example, if the call W1AW becomes available, all vanity applications for that call must be submitted on the day it becomes

available. Assume that there are ten people who submit applications, and nine of the applicants each submit one application, but the tenth applicant files thirty applications. There will be a total of thirty nine applications filed, and each will be accompanied by the $14.50 application fee. When all applications are submitted, one will be chosen at random. The odds are that the person submitting thirty applications will be most likely to be picked.

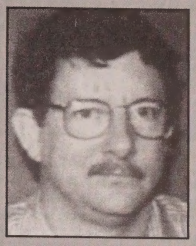
In this example, if the applicant who submitted thirty applications gets W1AW, the other nine applicants may request a

refund of their $14.50. The successful applicant will also be able to request a refund of the $14.50 fee for each of the twenty nine unsuccessful applications. And under current Commission policy, the Government must bear the cost of all the refunds.

Research on recent vanity applications confirms that the person who files the most applications almost always gets the call. Frank pulled data for six recent "1 by 2" calls from the FCC website and found that in each case, the person who filed the most applications was the person awarded the call.

And thirty applications is not an exaggeration. One of the six available calls actually had thirty applications filed by one applicant. That applicant got the call and refunds for twenty nine of his applications. Bill, Frank and Norman have stated in their petition that permitting multiple applications from the same applicant for the same call sign "has created a de facto lottery" that favors applicants who can afford to pay multiple application fees, and that this process put applicants unable to do so at "a distinct disadvantage."

Their petition asks the Commission to either modify Part 97 or to change internal policy to allow only one application per applicant per call.



Getting Started

advice for new hams

Jack Mood, SFO, W4HTX
3732 Ashley Hall Drive
Charlotte, NC 28227-6602
w4htx@sera.org

A Rookie's Guide to avoiding the worst...

When using a repeater for the first time, you need to try to remember that 'repeater' means LITERALLY repeater. Every sound your microphone hears gets repeated, word for word, sound for sound. This thought can be a little disconcerting, and can even cause a bad case of 'mic fright'. Don't let that happen, though. Just remember that by definition repeaters repeat what they hear. If your mic hears you say something embarrassing, so will ANYONE listening to the repeater. Both real-time and "parrot" repeaters slavishly repeat what's said.

This is obvious to hams that have been on the air for a while, but I'm not really addressing that audience. I'm trying to let the new ham know, if not before they say something embarrassing or regrettable, maybe before they (or I) do it again. The following scenario was/is my worst nightmare as a ham:

Long ago and far away, on a planet not unlike ours, lived a policeman. Yes, you guessed it, he was a rookie. (For the purposes of this discussion could be either "he" or "she".)

This fine example of a public servant was a "spit & polish" squared away kind of fellow. But he wasn't known for understanding that the police department's radio systems used repeaters.

One day while on patrol, he was (accidentally) sitting on his microphone. The police repeater was shut down after the first crude comment. The dispatcher could recognize his voice, as could all the officers who were working, as well as every upper echelon officer (i.e. The Chief and the rest of the brass), as well as anyone listening on a scanner.

While the fellow may have had a bright career ahead of him, his comments and tasteless jokes told while the microphone was keyed were of a type most would call "career busters". It was a good 15 minutes before he and his partner realized that their comments had been broadcast all over the southeastern part of the North American continent. People from an area of about a 100 mile circle heard what was said, and the members of the "Brass" were the most indignant of listeners. The 'partner' did not make any crude comments and kept working at the police department.

It turned out very badly for our tragic hero, and for the police department, since he could no longer work there. It seems that many of the comments made were very offensive and no one wanted him for a partner, much less wanted to employ him. All his experience and training were wasted.

He left the job, and couldn't find work locally, since he had to leave the department under less than perfect circumstances. I highlight his loss of job, not to scare anyone, but to remind you dear reader that Amateur repeaters are much the same as our policeman "hero's" repeater. The repeater you use may have many silent partners listening. The occasional repeater cop, a repeater trustee, and any number of prospective Amateurs may be listening, not just your employer and co-workers like in my (TRUE) story.

Lest you get the wrong idea, no, I was not the officer in the example above. (Thank God!) He had been a friend, but after his problem on the radio happened, I had to re-think my relationship with him. He made such offensive comments I wondered what he had been saying behind my back as well.

I also remember a female co-worker who wasn't mindful of her microphone and radioed sounds of her illicit liaison with a male officer from an adjacent jurisdiction over a shared (over 4 or 5 police agencies) repeater frequency. New jobs and *very* red faces were had by both officers, deservedly so. The sounds that came from that transmission would ordinarily be censored on network TV. I just won't go there.

We do not always know who we are talking to, who is listening, and how they may process what they hear us say. I can assume little about you as a reader, and I can assume LESS about those who are silent partners on the local repeater. Remember the old expression about what happens when you assume.

With the advent of the Internet Linked repeater systems, none of us knows the full extent of the effect our words may carry to parts unknown. Today's blooper on the repeater may be tomorrow's pink slip from our friends in Gettysburg. Heck, the FCC may actually hear your gaffe first hand in real time in Gettysburg via a linked repeater!

And that's not the worst of it, what is said (or heard) on the repeater is like a shot from a gun. You can not un-say anything, just as you can not un-shoot a gun, or un-ring a bell. You may never notice that some folks just seem to disappear from the repeater when others come on the air. But some hams are not very courteous about what they say. There are a few (fortunately very few) hams I avoid this way. I cannot say I have always been without fault in this department. Writing this article is a bit of an awakening or an epiphany for me in that regard.

To anyone who I may have offended in the past, if you're reading this, please accept my apologies.

My New Years resolve is to be more courteous and mindful of others' feelings both off the air and on the air as well as to try and be a better "Ambassador" for our hobby and service.

I'd also like to thank my fellow hams for their positive feedback after publication of my first column in the SERA Repeater Journal. I give my thanks to the kind folks who made comments. And I appreciate not just the positive feedback, but comments of all sorts. Nobody has yelled... yet!

Best regards to everyone for a wonderful New Year full of promise and prosperity. 2002 was a real stinker for me.

Thanks for reading, I'm listening! ■

Ham help needed for Bike Ride Across Georgia

The 2003 Bicycle Ride Across Georgia needs hams to serve only as communicators during our annual family-oriented bicycle tour. We'll be riding from Bainbridge to St. Mary's between June 14 and June 21. For full details, refer to our planning pages at **www.geocities.com/philip_milazzo**.

The route is firm, but details might change between now and June, so refer to the site for the latest information. Lots of general information is available to everyone from the opening page. You'll need a login and password to see the full details. Let me invite you to request those credentials if you are in a position to help with this event.

Please help BRAG by passing this request to your ham friends in south Georgia. Talk it up on the local and statewide nets. I am also trying to reach amateur radio clubs along our route. Thanks for your help.

Phil Milazzo KC6OEI
milazzop@bellsouth.net
Forsyth County, Georgia

Hot-P Mailing Ends

HOT-P, the "First-Class" mail version of SERA membership, will end this year. SERA is not accepting any new HOT-P memberships, and when current HOT-P members renew they will be offered only the standard "bulk-mail" option.

The reason - it was getting too expensive with recent jumps in First Class postage, and it took too much time to prepare the individual issues. We checked with the mailing service that sends our bulk rate issues, and the "labor intensive" First Class issues would be expensive to farm out. We could raise the price enough to cover the postage, but we felt it would be much too expensive if we included the actual cost of labor.

SERA is an unpaid, all-volunteer organization (including the *RJ* editor), but long ago we outgrew the ability of a volunteer group to handle the mailing of thousands of *Repeater Journal* copies, so we pay a mailing service to do that. We also hire some part-time help to do some of the filing and data entry for our repeater database.

The termination of HOT-P will affect about 60 SERA members. First Class issues arrived a few days after the the Repeater Journal came off the press. Bulk rate copies take one to three weeks.

Repeater Index Expands to 17 Pages

For the past several years, the Repeater Index has been 16 pages. But with more repeaters coming on the air, it's been hard to squeeze in all the information. So beginning last November, we've added a page to the Index. We did this instead of shrinking or squeezing the type any more.

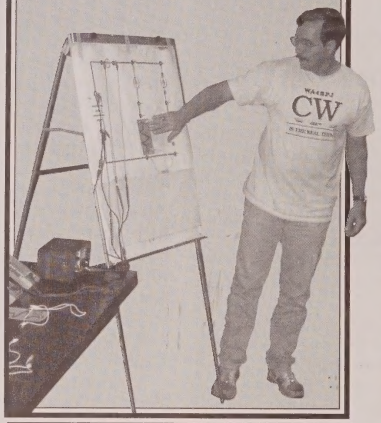
SERA HF Net

Talk to SERA on the SERA HF Net, Saturday mornings at 8:30 AM on 3977 kHz (that's Upper Sideband, not FM!). Listen for Wayne's memorial callsign - K4MOB.

Teach Ham Radio?

The *Repeater Journal* would like to weasel its way into your classroom! Let us know about your class, and we'll send some sample copies for free.

E-mail: *editor@sera.org*



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FEBRUARY *ISSUE* - *January 1*
MAY ISSUE - *April 1*
AUGUST ISSUE - *July 1*
NOVEMBER ISSUE - *October 1*

THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. Our index codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	145.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770	145.790		
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
	Hi Speed Digital Chan. - 222.350 to 222.450 (222.400 Center) - (100 KHz wide)						
	Hi Speed Digital Chan. - 223.800 to 223.900 (223.850 Center) - (100 KHz wide)						
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9625	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of January 19, 2003

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		☺
DALTON	N4BZJ	29.680	-		☺
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	-	T141.3	
WARNER ROBINS	WR4MG	29.660	-		

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T151.4	
ATLANTA	KA5WZY	53.150	-		☺
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	☺
BOLINGBROKE	KR4OL	53.430	-		
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
COCHRAN	W3LAP	53.010	-	PROP	☺
#CONYERS	WB4JEH	51.550	+	UNCOR	☺
CONYERS	WB4JEH	53.550	-	T151.4	☺
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	
DALTON	N4BZJ	53.130	-		☺
DECATUR	KA4UFM	53.390	-	T	
HIAWASSEE	KC4CBQ	53.270	-	186.2	
IVEY/MACON	K4YC	53.730	-	T88.5	☺
KINGSLAND	KC5BMJ	51.940	-	T82.5	☺
LAKE PARK	KB0Y	53.890	-	T141.3	☺
LAWRENCEVILLE	WG4R	53.110	-	82.5	☺
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
#PINE LOG MT	WD4OVN	53.450	-	UNCOR	☺
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	
#ROSWELL	WA4YNZ	53.010	-	UNCOR	
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-		☺
#ALBANY	W4MM	146.700	-	UNCOR	☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-		☺
ALLENHURST	KF4ZUR	147.270	+	162.2	
AMERICUS	W4VIR	147.270	+		
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		☺
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	W4ZT	146.625	-	100.0	☺
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	☺
ATLANTA	WA4NNO	147.000	-		
ATLANTA	WB6RTH	147.105	+	107.2	☺
ATLANTA	K4JPD	147.195	+	T	
ATLANTA	KA5WZY	147.285	+		☺
ATLANTA/AIRPORT	W4REI	147.030	+		
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	146.655	-	T151.4	
ATLANTA/MARIETTA	N4NEQ	147.345	+	151.4	
ATLANTA/SWEAT MT	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	
AUGUSTA	N4BMA	147.180	+		
BACONTON	K4TWG	145.150	-	PROP	
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BARNESVILLE	W8JI	147.225	+		☺
BGMRC/NEWMAN	K4SEX	145.130	-		
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	KE4RQT	146.955	-	T100.0	
BOGART	W4EEE	147.000	+	T	
BONAIRE	KD4HMH	145.470	-	T	
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		☺
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CARTERSVILLE	N4GIS	147.015	-	100.0	☺
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W3LAP	147.330	+	T77.0	☺
COLBERT	N4ALE	147.300	+		☺
COLUMBUS	W4FIZ	145.310	-	T123.0	☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-		
CONYERS	WB4JEH	145.230	-	T151.4	☺
CONYERS	WB4JEH	146.610	-	T151.4	☺
CONYERS	KF4GHF	147.210	+	T162.2	☺
CORDELE	WR4SG	145.230	-	T141.3	☺
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
COVINGTON	KF4GHF	147.270	+	T162.2	☺
CUMMING	WB4GQX	147.150	+		☺
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	W4RPO	146.850	-		
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		☺
DALTON	N4BZJ	147.135	+	T118.8	☺
DARIEN	WA4EPK	146.685	-		
DECATUR	W4BOC	145.450	-		☺
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	T141.3	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		☺
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	☺
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M	KC4ZGN	146.985	-	T77.0	
EMERSON	AE4JO	147.240	+	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210	-	131.8	
FAYETTEVILLE	K4KZY	146.685	-		
FOLKSTON	KD4GEY	146.790	-		
FORSYTH	W4STJ	147.315	+	88.5	☺
GA TECH	W4AQL	145.150	-	167.9	☺
GAINESVILLE	W4ABP	146.670	-	T131.8	☺
GRIFFIN	K4HYB	145.390	-	T88.5	
GRIFFIN	K4HYB	146.910	-		
HARTWELL	N4VNI	146.895	-	T100.0	☺
HAWKINSVILLE	WR4MG	146.895	-	T107.2	
HINESVILLE	KG4OGC	147.015	+		☺
IRWINTON	WB4NFG	147.240	+	T77.0	
IVEY	K4YC	145.250	-	T	☺
IVEY/MACON	K4YC	145.150	-	77.0	☺
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-		☺
JASPER	KC4AQS	146.805	+	T100.0	☺

GEORGIA REPEATERS CONTINUE

JESUP	WA4EQL	145.190	-		☺
JESUP	WA9RNZ	145.430	-	T118.8	☺
JESUP	N4ZON	146.865	-	T123.0	☺
JESUP	N4PJR	146.925	-	T141.3	☺
JESUP/SCREVEN	N4PJR	147.345	+		
JONESBORO	WA4DIW	145.170	-		☺
JONESBORO	WA4OGE	145.330	-		
KIBBEE	K4HVK	146.820	-	T	☺
KINGSLAND	KC4WWU	147.285	+	T118.8	☺
LAFAYETTE	KB4VAK	147.375	+	T77.0	
LAGRANGE	KD4BWK	146.700	-	T141.3	
LAGRANGE	WB4BXO	147.330	+		
LAKE PARK	WR4SG	147.135	+	T141.3	☺
LAVONIA	K4NVG	146.715	-	T100.0	☺
LAWRENCEVILLE	W4GR	147.075	+	82.5	☺
#LINCOLNTON	KT4N	147.120	+	UNCOR	
LOOKOUT MT	W4GTA	145.350	-	T100.0	☺
LOOKOUT MT.	W4RRG	146.760	-	T67.0	☺
MACON	W4BKM	145.370	-	T88.5	☺
MACON	AA4RI	145.430	-		☺
MACON	WR4DH	146.730	-	T100.0	☺
MACON	K4PDQ	146.805	-	T77.0	☺
MACON	N3SM	146.895	-	T123.0	
MACON	WA4DDI	147.060	+	T	☺
#MACON	KF4XH	147.165	+	UNCOR	
MADISON	WB4DKY	146.865	-	T179.9	☺
MADRAS	N4OME	147.165	+	T131.8	☺
MARIETTA	W4LMA	145.490	-	88.5	☺
MARIETTA	N4NEQ	146.775	-	T151.4	
MARIETTA/ATLANTA	W4BTI	146.880	-	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700	-	T67.0	
MILLEDGEVILLE	K4GK	147.135	+	T123.0	
MORGANTON	N4NEQ	147.165	+	T151.4	
MOULTRIE	WD4KOW	146.790	-		☺
NASHVILLE	KB4JF	145.310	-	T141.3	
NEWNAN	K4SEX	146.790	-		
OCILLA	KD4MFS	145.350	-		
PEMBROKE	KF4DG	147.105	+		
PEMBROKE	W4CJB	147.390	+		
PERRY	WR4MG	145.290	-	T107.2	
PERRY	WR4MG	146.955	-	107.2	
PINE MT/HAMILTON	WB4ULJ	145.190	-		
QUITMAN	WA4NKL	146.880	-		☺
RICEBORO	KG4OGC	145.470	-		☺
RINGGOLD	W4ABZ	146.715	-	T67.0	
ROME	WB4YSV	147.300	+		
ROME/MT. ALTO	W4VO	146.940	-	88.5	☺
ROSWELL	N4CLA	147.060	+		
SANDERSVILLE	KT4X	145.270	-	T77.0	☺
SAVANNAH	K4NLX	146.700	-		
SAVANNAH	K4SDJ	146.850	-		☺
SAVANNAH	W4HBB	146.880	-		
SAVANNAH	W4HBB	146.970	-		
SAVANNAH	WA4IDS	147.150	+		
SAVANNAH	K4NLX	147.210	+		
SAVANNAH	K4NLX	147.330	+		
SNELLVILLE	KR4NQ	147.255	+	T107.2	☺
SPRINGFIELD	AF4VH	146.745	-	PROP	
ST SIMONS ISLAND	N4XGI	145.330	-	T131.8	☺
STOCKBRIDGE	WA4JDR	145.310	-		☺
STONE MT	W4BOC	146.760	-	T107.2	☺
SUMMERVILLE	W4RLP	147.225	+	100.0	☺
SWAINSBORO	K4VYX	146.790	-		
SWEAT MT/MARIETT	N4CLA	145.470	-		
THOMASTON	W4OHH	147.390	+	131.8	☺
THOMASVILLE	W4UCJ	147.060	+		☺
THOMSON	KC4GSS	146.835	-		☺
TOCCOA	N4MTN	147.330	+	PROP	☺
UNADILLA	WR4MG	146.760	-	T107.2	
VALDOSTA	WR4SG	145.130	-	T141.3	☺
VALDOSTA	KF4BJM	146.760	-	141.3	
VIDALIA	K4HAO	146.625	-		☺
WALESKA/PNLG MT	KB4GDS	145.270	-	100.0	☺
WARM SPRINGS	KN4FE	146.985	-		
WARNER ROBINS	WA4ORT	146.850	-		
WARNER ROBINS	WB4BDP	147.180	+	107.5	☺
WARNER ROBINS	WR4MG	147.300	+	107.2	
WATKINSVILLE	KD4AOZ	147.045	+	T123.0	☺
WAYCROSS	AE4PO	146.640	-	T141.3	
WAYCROSS	AE4PO	147.255	+	T141.3	☺
WAYNESBORO	K4BR	145.230	-		
WRENS	KB4NA	146.775	-		
WRIGHTSVILLE	WA4RVB	146.940	-		☺
YOUNG HARRIS	K2YRW	147.090	+		☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	T123.0	
ACWORTH/ATL	N4MTA	224.500	-	T123.0	☺
ALPHARETTA	NX9O	224.580	-	100.0	
ALPHARETTA	KC4JNN	224.860	-	T100.0	☺
ATLANTA	W4DOC	224.340	-		☺
ATLANTA	KK4C	224.820	-	T77.0	
#ATLANTA-NE	KC4OVY	224.200	-	UNCOR	☺
ATLANTA/BELL	W4PME	224.620	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120	-	T151.4	
ATLANTA/MARIETTA	N4NEQ	224.440	-	T151.4	
ATLANTA/MARIETTA	K4RFL	224.960	-	T100.0	☺
AUGUSTA	WB4KXO	224.940	-		☺
BISKEY MTN	KC4JNN	224.160	-	T100.0	☺
CEDARTOWN	KC4KLW	224.780	-	T179.9	
CLAYTON	W4UWH	224.720	-	PROP	
CONLEY	N4MNA	224.280	-		☺
#CONYERS	WB4JEH	224.020	-	UNCOR	☺
CONYERS	WA4SSJ	224.800	-	T103.5	☺
CUMMING	K4JSR	224.980	-		
DAHLONEGA	N4RBT	224.380	-	T100.0	☺
DALLAS	N4YDX	224.180	-		
DALLAS	N4YEA	224.540	-		☺
DALLAS	W4TIY	224.700	-		☺
DALTON	N4BZJ	224.360	-	T	☺
DALTON	N4BZJ	224.460	-	T118.8	☺
DALTON	N4BZJ	224.680	-		☺
DALTON	N4KVC	224.740	-	T	☺
DECATUR	W4BOC	224.760	-		☺
EATONTON	K4SWS	224.100	-	PROP	
FT MT/CHATSWTH	N4YYD	224.240	-	T71.9	
GAINESVILLE	W4TL	224.840	-	T203.5	☺
GAINESVILLE	WR4MG	224.820	-	PROP	
JASPER	KC4AQS	224.400	-	T100.0	☺
JASPER	W4UWH	224.600	-	100.0	
LOOKOUT MT	W4RRG	224.560	-	T	☺
LOOKOUT MT.	W4RRG	224.640	-		☺
MARIETTA	KE4QFG	224.260	-	T110.9	☺
MARIETTA	W4LMA	224.900	-		☺
PINE LOG MTN	KE4AIS	224.520	-		☺
RAY CITY	KB0Y	224.220	-	PROP	☺
SNELLVILLE	W4CSX	224.920	-	T100.0	
VALDOSTA	KB0Y	224.460	-	T141.3	☺
VILLA RICA	WA4KM	224.300	-	T131.8	
WALESKA	KD4ALC	224.140	-		
WALESKA	KB4GDS	224.940	-		☺
WARNER ROBINS	WR4MG	224.840	-		
WATKINSVILLE	KD4AOZ	224.420	-	T123.0	☺
YORKVILLE	WD4LUQ	224.880	-	T77.0	☺
YOUNG HARRIS	NP2Y	224.660	-	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800	+	T77.0	☺
ALBANY	W4MM	444.500	+		☺
ALPHARETTA	WB6RTH	442.000	+	107.2	☺
ALTNATA/GLENRI	WR4CW	444.100	+	PROP	
ATHENS	AA4AI	442.950	+	T179.9	☺
ATHENS	WW4GA	443.300	+	T	☺
#ATHENS/CRAWFORD	KC4GZX	444.300	+	UNCOR	
ATL/MARIETTA	N4NFP	442.800	+	T	
ATLANTA	W4CML	442.025	+	T127.3	☺
#ATLANTA	WB6RTH	442.225	+	UNCOR	☺
ATLANTA	N4XQM	442.525	+	T110.9	☺
ATLANTA	KE4PVE	442.675	+	T100.0	
ATLANTA	WA4YNZ	442.975	+	T	
ATLANTA	W4CML	443.025	+	T127.3	☺
ATLANTA	KA5WZY	443.600	+	T146.7	☺
ATLANTA	W4CML	443.650	+	PROP	☺
ATLANTA	KD4LXT	443.875	+		
ATLANTA	W4DOC	444.450	+	T146.2	☺
ATLANTA	KD4GPI	444.500	+	T110.9	
ATLANTA	W4DOC	444.825	+	T146.2	☺
ATLANTA	WA4NNO	444.925	+		
ATLANTA	WA4YNZ	444.975	+	T	
ATLANTA/BELL	W4ZTL	421.250	+		☺
ATLANTA/BELL	W4PME	444.150	+	T100.0	☺
ATLANTA/MARIETTA	K4RFL	442.875	+	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800	+	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.050	+	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.775	+	151.4	
AUGUSTA	KD4BOO	444.900	+		☺
BALDWIN	WD4NHW	442.350	+		☺
BARNESVILLE	N4GWO	443.675	+		
#BISKEY MTN	KC4JNN	443.250	+	UNCOR	☺
BLAIRSVILLE	KF4SKT	442.200	+		
BLUERIDGE	KD4GRU	442.125	+	146.2	
BOGART	W4EEE	443.475	+	T	
BONAIRE	K4EDN	444.625	+	T82.5	☺
BRUNSWICK	KD4CPO	443.425	+		
BRUNSWICK	K4TVE	444.975	+		
BYRON	KF4XH	443.150	+		
BYRON	WB4SBT	444.700	+	T103.5	☺
CANTON	WA4EOC	443.075	+	PROP	
CARROLLTON	W4FWD	444.075	+	T131.8	☺
CARTERSVILLE	N4GIS	443.175	+		☺
CEDARTOWN	KD4NTF	443.575	+	T107.2	
CHATSWORTH	W4DRC	443.000	+		☺
CLAYTON	W1CP	442.825	+	T162.2	☺
CLERMONT	W4TL	444.950	+	T131.8	☺
COBB COUNTY	WC4RAV	443.450	+	T103.7	
COCHRAN	W3LAP	442.875	+	T77.0	☺
COCHRAN	N4MXC	444.775	+	PROP	
COCHRAN	W3LAP	444.975	+	77.0	☺
COLUMBUS	WB4ULK	441.975	+	PROP	
CONCORD	WB4GWA	443.400	+	118.8	
CONYERS	WB4JEH	442.550	+	T151.4	☺
CONYERS	KB2DZA	443.725	+	T77.0	
CONYERS	WB4JEH	444.550	+	T151.4	☺
CONYERS	KC4ELV	444.750	+	T162.2	☺
CORNELIA	K4JLG	444.275	+	T100.0	☺
COVINGTON	K4GO	443.750	+	T146.2	
COVINGTON	KE4PVE	444.175	+	T100.0	
COVINGTON	WA4ASI	444.800	+	T88.5	
CULLODEN	KE4BB	444.275	+	T123.0	
CUMMING	WB4GQX	441.900	+	T141.3	☺
CUMMING	WA4BPY	442.575	+	T79.9	☺
CUMMING	W4CBA	444.625	+	T123.0	☺
#CUMMING	WA4YNZ	444.975	+	UNCOR	
DACULA	KK4IN	443.550	+		
DAHLONEGA	N4KHQ	443.100	+	100	☺
DAHLONEGA	N4KHQ	444.900	+		☺
DALLAS	W4CSX	441.925	+	T162.2	
DALLAS	W4TIY	443.700	+		☺
DALLAS	WD4LUQ	444.700	+	T77.0	☺
DALTON	N4BZJ	442.175	+	T118.8	☺
DALTON	N4BZJ	444.500	+	T118.8	☺
DALTON	N4BZJ	444.850	+		☺
DANIELSVILLE	KE4FHN	442.650	+	T	
DECATUR	N3APR	442.200	+		
DECATUR	KA4UFM	443.950	+	T110.9	
DECATUR	W4BOC	444.250	+		☺
DOUGLAS	KE4ZRT	443.000	+	T141.3	☺
DOUGLASVILLE	W4SCR	444.575	+	T88.5	☺
DUBLIN	KD4FOC	442.600	+	T77.0	
DUBLIN	KD4IEZ	443.025	+	T156.7	
EATONTON	K4SWS	442.425	+	PROP	
EATONTON	KC4YHM	442.925	+		☺
ELLIJAY	KC4ZGN	442.700	+	T77.0	☺
ETOWAH VALLEY	AE4JO	443.425	+	T103.5	☺
FAYETTEVILLE	W4PSZ	444.600	+	T77.0	
FLOWERY BRANCH	K4VJM	442.775	+	PROP	
FLOWERY BRANCH	K4RHJ	443.900	+	T100.0	☺
FOLKSTON	KD4GEY	444.475	+		
FT. MT/CHATSWTH	N4YYD	443.350	+	T71.9	
GAINESVILLE	W4ABP	442.625	+	T131.8	☺
#GAINESVILLE	W4ADB	444.200	+	UNCOR	
GRAY	K4MDS	443.625	+		
GREENSBORO	N4YXL	444.850	+	PROP	
GRIFFIN	KF4QLF	441.850	+		
GRIFFIN	KE4WLP	443.550	+		
HAMILTON	WB4ULJ	444.400	+		
HAPEVILLE	KC4ENL	442.825	+	T167.9	
HELEN	K4PE	444.425	+	T127.3	
HIAWASSEE	KC4CBQ	444.675	+	186.2	
HIGH PT/LOOKT MT	KB4VAK	443.450	+	T77.0	
HINESVILLE	KG4OGC	444.850	+	PROP	☺
HOGANSVILLE	KC4YNY	444.300	+	PROP	
IRWINTON	WB4NFG	444.925	+	T77.0	
IVEY	K4YC	443.200	+	T88.5	☺
IVEY	K4YC	444.650	+	T	☺
JASPER	N3DAB	442.750	+	T141.3	☺
JASPER	KC4AQS	443.375	+	T100.0	☺
JASPER	KB4MDE	443.425	+		
JASPER	KF4OYP	443.625	+	T100.0	
JASPER	KB4IZF	444.375	+	T103.5	☺
JESUP	N4PJR	444.925	+	T141.3	☺
JONESBORO	WA4DIW	443.225	+		
KINGSLAND	KC5BMJ	444.625	+	T118.8	☺
KNOXVILLE	N4PQR	443.525	+	PROP	
LAKEMONT	N4ZRF	444.750	+	T	
LAVONIA	K4NVG	442.475	+	T203.5	☺
LAWRENCEVILLE	WB4HJG	442.850	+	T82.5	☺
LAWRENCEVILLE	WB4QDX	444.000	+	T127.3	☺
LAWRENCEVILLE	W4CML	444.025	+	T127.3	☺
LOOKOUT MT	W4RRG	442.650	+	T100.0	☺
LOOKOUT MT.	W4RRG	442.475	+	T67.0	☺
LULA	WB4HJG	444.400	+	T71.9	☺
MABLETON	W4JLG	442.325	+	T	☺
MACON	AF4UL	442.000	+	PROP	
MACON	K4DDH	442.275	+	T100.0	☺
MACON	W4MAZ	442.700	+	PROP	
#MACON	WX4EMA	443.075	+	UNCOR	
MADRAS	KE4HAC	442.250	+	T141.3	☺
MARIETTA	N1KDO	442.050	+	T107.2	☺
MARIETTA	KE4QFG	442.375	+	T	
MARIETTA	WA4OKJ	442.600	+	T100.0	
MARIETTA	N4MTA	443.500	+		☺
MARIETTA	KF4BMG	444.325	+	T79.7	
MARIETTA/ATL	KE4QFG	442.725	+	T	
MARLOW	W1MED	442.475	+	PROP	
MCDONOUGH	KE4UAS	444.875	+	T123.0	☺
MONROE	KQ4XL	443.925	+	T123.0	
MOULTRIE	W1BPP	444.625	+	T123.0	
NEWNAN	K4NRC	441.875	+	T156.7	
NEWNAN	KE4PVE	444.350	+	PROP	
NORCROSS	K4HUM	442.100	+	T100.0	☺
PEACHTREE CITY	AB4KN	442.500	+	T77.0	
PEACHTREE CITY	N4YTR	444.675	+	T77.0	
PEMBROKE	AF4MI	441.800	+	T123.0	
PENDERGRASS	KE4PVE	444.125	+	PROP	
PERRY	WR4MG	444.950	+		
PINE LOG MT	KD4APP	443.200	+	T103.5	
QUITMAN	WA4NKL	444.600	+	T127.3	☺
REX	KB4NPO	443.975	+	PROP	
RINGGOLD	KW4KW	442.300	+	PROP	
RINGGOLD	W4BAB	443.925	+		
ROCKMART	KC4KLW	443.275	+	T179.9	
ROME	KA4MLK	441.825	+	T100.0	
ROME	KC4KLW	443.525	+	T179.9	
ROSWELL	W8BLA	442.075	+	T	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

GEORGIA REPEATERS CONTINUE

#ROSWELL	WA4YNZ	442.975	+	UNCOR	
ROSWELL/BELL	N4SE	442.150	+	T100.0	☺
ROSWELL/BELL	W4PME	443.150	+	100.0	☺
SANDY SPRINGS	KE4OKD	441.950	+	T156.7	☺
SAVANNAH	K4NLX	421.250	+		
SAVANNAH	WA4VHP	427.250	+	T	☺
SAVANNAH	K4NLX	442.700	+		
#SAVANNAH	WD4AFY	444.000	+	UNCOR	
SMYRNA	N4IBW	444.650	+		
SNELLVILLE	W4CML	442.450	+	T	
SNELLVILLE	NE1H	443.050	+	T	
SNELLVILLE	W4GR	444.525	+	82.5	☺
ST SIMONS ISLAND	N4XGI	442.950	+	T131.8	☺
STATHAM	WW4T	442.300	+	T	☺
STOCKBRIDGE	KG4PUW	443.125	+	PROP	
STOCKBRIDGE	N4JMD	443.325	+	T	
STONE MTN	KD4HPD	443.825	+	T123.0	
SUGAR HILL	N4YF	443.775	+	T82.5	☺
SUGAR VALLEY	K4WOC	441.850	+	PROP	
SUMMERVILLE	KS4QM	444.725	+	T123.0	☺
SWEAT MT/MARIETT	N4CLA	444.475	+		
TIFTON	KE4RJI	444.875	+	T	☺
VALDOSTA	WR4SG	444.350	+	T141.3	☺
VALDOSTA	KF4BJM	444.700	+	T141.3	
VIDALIA	KE4PMP	442.500	+	T88.5	☺
#WALESKA	KD4DXR	441.350	+	UNCOR	
#WALESKA	K4PLM	443.850	+	UNCOR	
WARM SPRINGS	N4UER	442.400	+		
WARNER ROBINS	WR4MG	442.900	+		
WATKINSVILLE	KD4AOZ	444.725	+	T123.0	☺
WAYCROSS	AE4PO	444.025	+	T141.3	☺
WOODSTOCK	KE4SJO	444.225	+		

920 MHZ

ATLANTA	KG4LMT	927.500	-	223.0	
LAWRENCEVILLE	N8EKA	927.687	-	PROP	☺
#SAVANNAH	WA4VHP	923.000	-	UNCOR	☺
VALDOSTA	KB0Y	927.487	-	PROP	☺

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-		☺
ATLANTA/MARIETTA	N4NEQ	427.250	+		
DALTON ATV	N4BZJ	421.250	+		☺

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620	-	103.5	☺
INGLE	KA4UHL	29.680	-	PROP	
LOUISVILLE	KK4CZ	29.640	-		☺

6 METERS

ASHLAND	KC4QK	53.010	-	T107.2	☺
BUCKHORN LAKE	K4XYZ	53.730	-	PROP	☺
DORTON	WR4AMS	53.350	-	PROP	
HAZARD	K4TDO	53.850	-		
HIGHLAND HEIGHTS	AD4CC	53.330	-	123.0	
HIGHLAND HEIGHTS	W4YWH	53.750	-	PROP	☺
LAGRANGE	WB4WSB	53.950	-	PROP	
LAWRENCEBURG	N4EQT	53.130	-	T107.2	
LEXINGTON	KE4LGL	53.570	-		
LONDON	KE4ZJT	53.910	-	T100.0	☺
LOUISVILLE	KF4UAQ	53.290	-		
LOUISVILLE	N7BBW	53.430	-	T151.4	☺
LOUISVILLE	WB4LBR	52.025	+		
NANCY	KA4UHL	53.270	-	T100.0	☺
NICHOLASVILLE	N4ALG	53.090	-	PROP	
#STANTON	WD4KNE	53.810	-	UNCOR	
WAYNESBURG	KE4RKF	53.390	-	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070	-	T100.0	

2 METERS

ALLEN	K4ICN	147.300	+	T123.0	☺
#ARTEMUS	N4INT	147.390	+	UNCOR	
ASHLAND	K4GEC	146.940	-		
ASHLAND	KC4QK	147.240	+	T107.2	☺
ASHLAND	WA8KWH	147.330	+		
BARBOURVILLE	KF4CME	147.135	+	100.0	
BARDSTWN/NELSN	WB4GGH	145.470	-	↓51.4	☺
BEREA	KF4OFT	146.715	-	100.0	☺
BLACK MOUNTAIN	KB4DFK	147.210	+	T103.5	☺
BOWLING GREEN	WA4GOZ	146.625	-	PROP	
BOWLING GREEN	K4LOL	147.060	+	156.7	☺
BOWLING GREEN	W4WSM	147.165	+		☺
BOWLING GREEN	KA4CFW	147.330	+		☺
BOWLING GREEN-SO	W4WSM	146.655	-		☺
BROOKS	KY4KY	146.700	-	T151.4	☺
BUCKHORN LAKE	K4XYZ	147.375	+	T103.5	☺
CADIZ	KT4SH	147.195	+	103.5	☺
CANE VALLEY	WA4UXJ	146.640	-		☺
#CENTRAL CITY	WF4N	145.390	-	UNCOR	
CORBIN	WD4KWV	146.610	-		☺
COVINGTON	WR8CRA	147.390	+		
CRESTWOOD	KF4TOL	147.390	+	T151.4	
DANVILLE	WD4DZC	146.655	-		☺
DAVID	KC4KZT	145.310	-	T	☺
DAWSON SPRINGS	KF4CWK	147.090	+	T103.5	
#DIXON	N4IOX	147.255	+	UNCOR	
DORTON	KC4KZT	146.895	+	T141.3	☺
DRAKESBORO	KF4DKJ	146.820	-	T	
ELIZABETHTOWN	W4BEJ	146.980	-		
ELKTON	KA4NNE	146.805	-	100.0	☺
FARMINGTON	W4GZ	147.240	+	T91.5	☺
FLEMINGSBURG	KF4BRO	146.955	-	T107.2	☺
FLORENCE	K4JBV	146.895	-	100.0	
FRANKFORT	N4EQT	147.105	+	T107.2	
FRANKFORT	KC4AI	147.240	+	T100.0	
FRANKLIN	KE4SZK	147.135	+	PROP	
GEORGETOWN	KF4NTQ	146.685	-	107.2	☺
GLASGOW	KY4X	146.940	-	114.8	
GRAYSON	KD4DZE	146.700	-	107.2	☺
GREENVILLE	WA4TTC	146.745	-		
GRETHEL	KJ4VF	147.045	+	T100.0	
HALLS GAP	W8PRH	145.170	-		☺
HARLAN	WA4ZAC	147.105	+		☺
HAZARD	KF4SJO	146.670	-		☺
HAZARD	W8PRH	146.805	-		☺
HENDERSON	W4KVK	145.490	-		
#HENDERSON	K4DPP	146.970	-	UNCOR	
HIGHLAND HEIGHTS	W4YWH	146.790	-	123.0	☺
HIGHLAND HTS.	K4CO	147.255	+	T123.0	☺
#HODGENVILLE	W4LJM	147.315	+	UNCOR	☺
HOPKINSVILLE	KF4FO	146.710	-		
HOPKINSVILLE	KD4ULE	147.030	+	T103.5	☺
HUEYSVILLE	K4NLT	145.470	-	T79.7	☺
HYDEN	KF4TLT	147.240	+	186.2	☺
IRVINE	W4CMR	146.820	-	192.8	
IRVINE	AD4RU	147.015	+		
JACKSON	WA4MXO	145.410	-		☺
#JONATHAN CREEK	N4SEI	146.985	-	UNCOR	
LAWRENCEBURG	N4EQT	145.390	-	T107.2	
LEBANON	WD4JZH	147.345	+	T151.4	
LEBANON JCT.	KD4YGK	147.150	+	PROP	☺
LEESBURG	KC4UPE	145.110	-	T192.8	☺
LEXINGTN/GRGTWN	W8PRH	145.210	-		
LEXINGTON	AD4YJ	145.250	-	110.9	
LEXINGTON	WB4CWF	145.490	-		
LEXINGTON	AC4AO	146.730	-		☺
LEXINGTON	K4KJQ	146.760	-		☺
LEXINGTON	WA4HBM	147.165	+		☺
LEXINGTON	KJ4VF	147.195	+		
LITCHFIELD	KY4SP	147.225	+	179.9	
LONDON	KE4ZJT	147.180	+	T151.4	☺
LONDON	KC4ZFH	147.285	+	T	
LOUISA	N8QCW	147.390	+	127.3	☺
LOUISVILLE	KG4CCW	145.150	-	141.3	
LOUISVILLE	W8PRH	145.230	-		
LOUISVILLE	AC2DC	145.290	-	T151.4	
LOUISVILLE	KK4CZ	145.410	-	151.4	☺
LOUISVILLE	W4PF	146.880	-		
LOUISVILLE	W4PJZ	147.030	+	151.4	☺
LOUISVILLE	N4MRM	147.070	+	T151.4	
#LOUISVILLE	KA4KMT	147.120	+	UNCOR	
LOUISVILLE	W4CN	147.180	+	88.5	☺
LOUISVILLE	WB4EJK	147.270	+	151.4	
LOUISVILLE	KQ9Z	147.360	+		
LOUISVILLE AREA	N4UL	145.130	-	T151.4	
LYNN GROVE	KA4BLZ	146.895	-	T210.7	
MADISONVILLE	KC4FRA	146.610	-		☺
#MARION	KA4FGA	147.285	+	UNCOR	
MAYSVILLE	KF4BRO	145.470	-	T107.2	☺
MIDDLESBORO	W4PPM	146.775	-		
MILLARD	KD4RTR	146.745	-	T141.3	
MONTECELLO	WB9SHH	146.955	-	PROP	
MONTICELLO	KY4JW	145.150	-		☺
MOREHEAD	KJ4VF	145.130	-	T100.0	
MOREHEAD	K4GFY	146.910	-	T123.0	
#MT. STERLING	WD4KNE	147.330	+	UNCOR	
MURRAY	K4MSU	146.940	-	T91.5	☺
NANCY	KA4UHL	146.790	-	T100.0	
#NEBO	AA4NI	146.730	-	UNCOR	
OWENSBORO	N4WJS	146.685	-	110.9	☺
OWENSBORO	AD4MU	146.865	-		
OWENSBORO	K4HY	147.210	+	110.9	☺
OWINGSVILLE	N4TLP	147.075	+		
PADUCAH	K4CUW	146.655	-	T	
PADUCAH	K4CUW	146.760	-		
PADUCAH	W4NJA	147 060	+	103.5	☺
PAINTSVILLE	N4KJU	145.270	-	T	☺
PARIS	KE4OOS	147.045	+	PROP	
PHELPS	KJ4YK	147.090	+		☺
PIKEVILLE	AD4BI	145.150	-	107.2	☺
PIKEVILLE	KM4IV	146.850	-		
PRESTONSBURG	WB4UBY	147.165	+		☺
PRINCETON	W4KBL	145.230	-	103.5	
PRINCETON	W4KBL	146.670	-		
#PROVIDENCE	N4IUI	147.330	+	UNCOR	
RADCLIFF	AI4HB	145.350	-	173.8	
RADCLIFF	W4BEJ	146.925	-		
RICHMOND	KE4YVD	145.370	-	T192.8	☺
RICHMOND	KG4AEU	146.865	-	192.8	
ROCKFIELD	KG4FEJ	145.450	-	136.5	
ROCKPORT	KD4BOH	145.270	-	77.0	
SALEM	KC4VXR	147.315	+		
SALVISA	KF4AWA	146.835	-	T192.8	☺
SALYERSVILLE	KB4SQI	145.190	-	T127.3	☺
SANDY HOOK	KF4WMM	147.135	+	T107.2	
SHELBYVILLE	KE4LR	147.000	+		☺
SO. PORTSMOUTH	KC8FKP	145.390	-	136.5	
SOMERSET	KA4UHL	146.880	-	77.0	☺
SPRINGFIELD	WA4SJH	147.300	+		
ST. CHARLES	KE4AIE	147.270	+		☺
STANTON	N4VOS	145.290	-		
STANTON	W8PRH	146.970	-		☺
STINETT	KF4TLT	147.345	+	PROP	
TOMPKINSVILLE	KJ4OG	146.775	-		☺
VANCEBURG	AE4SK	146.775	-		
VERSAILLES	KF4INN	145.330	-		
WADDY	KS4TO	146.910	-	T107.2	
WALTON	K4CO	147.375	+	123.0	☺
WEBSTER	K4ULW	146.625	-	T151.4	
WEST LIBERTY	KG4GQC	145.230	-	107.2	
WILLIAMSBURG	KG4M	147.000	+		
WINCHESTER	WB4ASZ	147.120	+		☺

220 MHZ

ASHLAND	KC4QK	223.940	-		☺
BUCKHORN LAKE	K4XYZ	224.460	-	PROP	☺
DORTON	WR4AMS	224.520	-		
GARRETT	K4NLT	224.260	-	PROP	☺
HAZARD	WR4AMS	224.820	-		
IRVINE	AD4RU	224.940	-		
LANCASTER	KD4RXF	224.560	-		
LAWRENCEBURG	N4EQT	224.900	-	T107.2	
LEXINGTON	AC4AO	224.420	-		☺
LEXINGTON	KR4BD	224.800	-		☺
LONDON	WR4AMS	224.980	-		
LOUISVILLE	KA4MKT	224.300	-		
LYNCH	K4TDO	224.320	-	PROP	
META	WR4AMS	224.380	-	PROP	
MIDDLESBORO	WM4MD	224.120	-	T82.5	
NANCY	KA4UHL	224.100	-	T100.0	☺
PIKEVILLE	WB4F	224.580	-		☺
PIKEVILLE	KD4DAR	224.620	-		☺
PRESTONSBURG	WR4AMS	224.720	-	PROP	
SHEPHERDSVILLE	N4FND	224.500	-	T151.4	☺
SOMERSET	N4AI	224.300	-		☺
SOMERSET	N4AI	224.880	-		☺
VERSAILLES	AD4CR	224.220	-		

440 MHZ

ALLEN	N4IWZ	444.775	+	T123.0	☺
#ASHLAND	KC8ERN	444.750	+	UNCOR	
ASHLAND	KC4QK	444.975	+	T107.2	☺
BARDSTOWN	KT4GB	443.000	+		☺
BEATTYVILLE	KC4UPE	444.825	+	T192.8	☺
BEAVERLICK	KC4COV	443.475	+	T131.8	
BOWLING GREEN	W4HTB	426.250	+		☺
BOWLING GREEN	W4WSM	444.100	+		☺
BOWLING GREEN	WB4JM	444.700	+	T136.5	☺
BROOKS	KY4KY	443.700	+	151.4	☺
BRUSHY FORK	KF4WMM	444.600	+	88.5	
BUCKHORN LAKE	K4XYZ	443.400	+	103.5	☺
BURLINGTON	KD4EVB	443.525	+	T107.2	☺
CANE VALLEY	W4LJM	443.950	+	T	☺
CORBIN	KF4IFC	444.275	+	79.7	☺
CORBIN	WB4IVB	444.900	+	T100.0	
COVINGTON	KC4COV	444.175	+	T131.8	
COX'S CREEK	AE4NU	443.450	+	T151.4	☺
DAVID	KC4KZT	443.900	+	T167.9	☺
DAWSON SPRINGS	KU4MJ	444.275	+		
DORTON	KD4RTR	442.150	+	167.9	
DORTON	KJ4VF	443.250	+		
DRY RIDGE	KD4EVB	444.425	+	T118.8	☺
ELIZABETHTOWN	W4BEJ	421.250	+		
ELIZABETHTOWN	W4BEJ	444.800	+		
ELKHORN CITY	KD4RTR	444.300	+	167.9	
FALMOUTH	KD4EVB	443.825	+	T107.2	☺
FLORENCE	KC4COV	443.175	+	T131.8	
FORT WRIGHT	KY4DJ	441.850	+	PROP	
FORT WRIGHT	KY4JD	442.525	+	T123.0	☺
FOSTER	KU4ML	443.125	+		
FRANKFORT	K4NGQ	442.175	+	T67.0	
FRANKFORT	WA4CMO	443.325	+		
FRANKLIN	KD4TAH	443.225	+		
GARRETT	KF4JJD	442.400	+	79.7	☺
GEORGETOWN	KF4NTQ	443.625	+		
GILBERTSVILLE	W2HR	442.850	+	T103.5	
GLASGOW	KY4X	444.925	+		
GLASGOW/CVCTY	KF4DC	444.250	+		
GRAEFENBURG	N4HZX	443.550	+		☺
GRETHEL	KJ4VF	444.525	+		
HARLAN	KD4CDX	442.625	+	PROP	
HAWESVILLE	KB4QFL	444.625	+		
HAZARD	K4TDO	443.975	+	103.5	
HENDERSON	KY4K	444.725	+	T203.5	
HIGHLAND HEIGHTS	W4YWH	444.900	+	123.0	☺
HOPKINSVILLE	KE4AIF	444.750	+	T103.5	
HORSECAVE	KF4QZN	444.850	+	PROP	
HUDSON	KY4SP	444.900	+	179.9	
INDEPENDENCE	KB8SBN	444.075	+	T110.9	
IRVINE	W4CMR	442.900	+		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

IRVINE	AD4RU	444.000	+		
LATONIA	AA4XV	442.400	+	T	
LAWRENCEBURG	N4EQT	443.925	+	T107.2	
LEWISPORT	K4DC	444.550	+		☺
#LEXINGTON	KY4ATV	923.250	-	UNCOR	☺
LEXINGTON	KD4ADJ	442.050	+		
LEXINGTON	KE4OOL	443.025	+	T123.0	
LEXINGTON	KB8QLC	444.125	+	88.5	
LEXINGTON	KC4DUU	444.550	+		☺
LEXINGTON	KE4ISR	444.725	+	T	
LEXINGTON	N4DUE	444.950	+		☺
LOUISVILLE	N4ORL	442.000	+		
LOUISVILLE	KB4RYM	442.500	+		
LOUISVILLE	WD4ELX	442.550	+		
LOUISVILLE	KB4YJ	442.725	+	151.4	
LOUISVILLE	WD9EQC	443.500	+		
LOUISVILLE	N4UL	444.100	+	173.8	
LOUISVILLE	KG4JNM	444.300	+	156.7	
LOUISVILLE	N4NMC	444.600	+	T151.4	
LOUISVILLE AREA	N4RBL	442.100	+	T	
LOUISVILLE AREA	KD4CLR	442.450	+	T151.4	
LOUISVILLE SW	K4ULW	443.350	+		
MADISONVILLE	KC4FIE	442.425	+		☺
MADISONVILLE	AE4LW	442.575	+	T100.0	
MADISONVILLE	KC4FIE	442.775	+		
MADISONVILLE	KC4FIE	444.600	+		☺
MAMMOTH CAVE	KF4QZN	444.475	+	T179.9	
MANCHESTER	KD4GMH	444.500	+	PROP	
MARION	KR4PF	444.200	+	T100.0	
MAYSVILLE	KF4BRO	443.500	+	T123.0	☺
META	WB4UBY	443.500	+		☺
MIDDLESBORO	WM4MD	442.325	+	T67.0	
MIDDLESBORO	KD4PBC	443.150	+	PROP	
MIDDLESBORO	WB4IVB	444.150	+	T100.0	
MILLARD	KD4RTR	443.425	+		
MONTICELLO	WB9SHH	444.750	+		
MOREHEAD	K4GFY	442.500	+	T	
MORGANTOWN	KF4QZN	444.425	+	T179.9	
MT STERLING	KD4ADJ	442.600	+		
MURRAY	K4MSU	443.800	+	T110.9	☺
NANCY	KA4UHL	443.600	+	T100.0	☺
NEBO	AA4NI	444.850	+		
NICHOLASVILLE	KC4UPE	444.775	+	T167.9	☺
NICHOLASVILLE	WB4CWF	444.975	+		
OLIVE HILL	KO4LI	444.925	+		
OWENSBORO	N4WJS	443.100	+	T110.9	☺
OWENSBORO	N4WJS	443.650	+	110.9	☺
PADUCAH	KD4DVI	443.000	+	179.9	
PAINTSVILLE	N4KJU	441.525	+	127.3	☺
PHELPS	N4MVY	444.575	+		☺
PIKEVILLE	KD4RTR	444.200	+		
PIKEVILLE	KD4DAR	444.375	+		☺
PIKEVILLE	AD4BI	444.475	+		☺
PRESTONSBURG	K4AVY	443.825	+	127.3	☺
RICHMOND	KE4ISW	444.625	+	192.8	☺
RINEYVILLE	KF4RBD	444.225	+	PROP	
ROBINSON CREEK	KC4VYX	444.675	+		☺
ROCKPORT	KD4BOH	442.675	+	77.0	
ROCKPORT	KD4BOH	444.075	+	T77.0	
RUSSELLVILLE	KD4TAH	442.350	+	PROP	
SALEM	KC4VXR	444.825	+	T100.0	
SALVISA	KF4AWA	444.675	+	T203.5	☺
SALVISA	KC4UPE	444.875	+	T167.9	☺
SALYERSVILLE	KE4NLL	444.050	+	T127.3	
SHELBYVILLE	KE4YRE	442.375	+		
SHEPHERDSVILLE	KD4YGK	444.400	+	T203.5	☺
SIMPSONVILLE	KO4OT	444.450	+	T100.0	☺
SPRINGFIELD	WA4SJH	444.600	+		
STANTON	N4VOS	442.075	+		
VERSAILLES	KF4INN	443.775	+		
WADDY	KS4TO	443.225	+		
WALTON	K4CO	444.350	+	123.0	☺
WEBSTER	KY4SP	441.525	+		
WILLIAMSBURG	KB4PTJ	444.050	+	100.0	
WITHAMSVILLE	KC4COV	444.400	+	T131.8	

920 MHZ

LEXINGTON	KA4KMG	927.725	-	PROP

MISSISSIPPI

10 METERS

BAY SAINT LOUIS	KB5MPW	29.640	-	T136.5

6 METERS

BAY SAINT LOUIS	KB5MPW	53.650	-	T136.5
ELLISVILLE	N5EKR	53.010	-	T
JACKSON	W5PFC	53.470	-	PROP
LAUREL	KC5PIA	53.450	-	☺
NETTLETON	AB5MU	53.050	-	192.8

2 METERS

ABBEVILLE	WB5VYH	145.470	-	T107.2
ABERDEEN	WB5USN	147.270	+	☺
ACKERMAN	NO5N	147.120	+	
AMORY	KB5DWX	146.940	-	T192.8
AMORY	KB5DSN	147.090	+	
BAY ST. LOUIS	WB4FUR	146.700	-	
BILOXI	KC5IF	146.730	-	
BILOXI	K5TYP	146.790	-	
BOONEVILLE	K5YD	145.190	-	110.9 ☺
BOONEVILLE	KI5WI	147.150	+	
BUDE	K5JMD	146.850	-	T103.5
BYHALIA	N4DRL	145.350	-	☺
CHATAWA	WB5GOJ	145.310	-	
COLLINS	N5LRQ	146.985	-	T136.5 ☺
COLUMBIA	N5YNY	147.195	+	T136.5 ☺
COLUMBIA	N5LJC	147.285	+	PROP
COLUMBUS	KC5ULN	146.625	-	
COLUMBUS	KC5ULN	147.000	+	
CORINTH	???	146.925	-	T107.2
CORINTH	K5UFH	147.000	-	
CORINTH	KB5TGA	147.285	+	☺
DIBERVILLE	KC5IF	145.410	-	
ELLISVILLE	N5EKR	146.955	-	T
ELLISVILLE	N5DWU	146.865	+	T136.5
ELLISVILLE	N5DWU	146.895	+	T136.5
FLORENCE	KD5AXY	145.110	-	T ☺
FOREST	KC5QHP	147.390	+	T100.0 ☺
#FRENCH CAMP	W5BJT	147.225	+	UNCOR
FULTON	WX5P	145.450	-	☺
GLOSTER	KX5E	145.430	-	T136.5
GREENVILLE	KG5SF	147.345	+	
GREENWOOD	KA5TQY	146.715	-	
GRENADA	W5LV	146.700	-	☺
GULFPORT	KA5VFU	147.375	+	
HATTIESBURG	W5CJR	145.190	-	T136.5
HATTIESBURG	K5IJX	145.370	-	136.5
HATTIESBURG	K5PN	146.775	-	T136.5
HATTIESBURG	W5CJR	147.360	+	
HERNANDO	K5VV	146.910	-	
ISOLA	KC5OB	146.955	-	
IUKA	WB5MFK	146.850	-	
JACKSON	KB5KGE	145.390	-	
JACKSON	W5AXQ	146.760	-	☺
JACKSON	K5QNE	146.880	-	T100.0 ☺
JACKSON	KA5SBK	146.940	-	100.0 ☺
JACKSON	W5IQ	147.000	+	T ☺
JACKSON	NC5Y	147.075	+	T
KILN	K5DMC	145.330	-	
KOSCIUSKO	W5LWC	146.850	-	
LAUREL	W5LAR	146.610	-	
LAUREL	WV5D	147.030	-	T
LAUREL	KC5RC	147.255	+	
LOUISVILLE	KC5QGC	147.360	+	
LUCEDALE	WA5JZL	146.910	-	
MADISON	K5XU	146.640	-	☺
MAGEE	K5HYE	146.820	-	100.0 ☺
MAGEE	KA5LNY	147.300	+	☺
MCCOMB	K5JMD	146.940	-	T
MENDENHALL	KB5IKR	145.210	-	T100.0
MERIDIAN	KC5ZZH	146.655	-	☺
MERIDIAN	W5FQ	146.700	-	☺
MERIDIAN	KI5FW	146.970	-	100.0 ☺
MONTICELLO	N5JHK	147.015	+	
MOOREVILLE	WB5NAY	146.640	-	
MORTON	KB5LCL	147.045	+	T141.3
NATCHEZ	W5KHB	146.685	-	
NATCHEZ	K5OCM	146.910	-	91.5
NATCHEZ	K5SVC	147.360	+	100.0 ☺
#NEW ALBANY	KC5VZI	145.230	-	UNCOR
NEW ALBANY	W5UBG	146.670	-	
#NEW ALBANY	KC5VZI	146.745	-	UNCOR ☺
NEW HEBRON	N5MRS	147.090	+	T
OCEAN SPRINGS	W5LDD	147.030	+	☺
PASCAGOULA	KE5SJ	146.880	-	
PASCAGOULA	N5PH	146.970	-	T
PEARL/RANKIN CO	KF5IZ	147.150	+	T88.5
PELAHATCIE	W5PPB	147.240	+	T77.0 ☺
PHILADELPHIA	N5EPP	147.330	+	
#PICAYUNE	KE5LT	145.150	-	UNCOR ☺
PONTOTOC	WB5NAY	147.380	+	
PORT GIBSON	KE5WO	146.625	-	
PURVIS	KB5ZCX	146.670	-	
RICHTON	N5OCF	147.060	+	T
SENATOBIA	KB5DMT	146.985	-	T107.2
SHARON	W5PPB	145.450	-	T77.0 ☺
SOUTHAVEN	N5PYQ	145.370	-	T107.2
STARKVILLE	KD5GVU	146.730	-	210.7 ☺
STARKVILLE	KF5C	146.805	-	192.8
#SUMNER	WB5FXH	147.090	+	UNCOR
TUPELO	N5VGK	145.490	-	
TUPELO	N5ELS	147.240	+	
UNION	N5SPJ	147.210	+	T100.0
UTICA	N5ZMZ	145.350	-	
UTICA	KC5TGT	146.730	-	T77.0
UTICA	N5ZMZ	147.345	+	
VANCLEAVE	W5WA	145.110	-	123.0 ☺
#VANCLEAVE	KE5TL	147.000	-	UNCOR
VICKSBURG	WJ5L	145.290	-	☺
#VICKSBURG	K5IMT	146.805	-	UNCOR
VICKSBURG	K5ZRO	147.270	+	T100.0 ☺
VOSSBURG	KB5UIX	147.135	+	136.5
WALLS	N5NBG	145.270	-	T162.2
WATER VALLEY	N5DXM	147.000	-	
WAYNESBORO	W5SAR	147.105	+	☺
WAYNESBORO	N5DWU	147.315	+	
WEST POINT	KC5LIO	147.180	+	☺
WIGGINS	KB5DZJ	145.270	-	T136.5 ☺
WINONA	N5EYM	146.970	-	110.9

220 MHZ

BYHALIA	N4DRL	224.500	-	☺
VICKSBURG	WB5OWY	224.780	-	
WARSAW	N4DRL	224.880	-	☺

440 MHZ

ABERDEEN	KD5AHI	444.450	+		☺
AMORY	KB5DSN	444.825	+		
BYHALIA	N4DRL	444.300	+		☺
CLERMONT HARBR	WD5BJT	444.150	+	T77.0	
CLINTON	KG5YV	444.000	+	T100.0	☺
ELLISVILLE	N5DWU	442.200	+	T167.9	
ELLISVILLE	N5DWU	442.250	+	T167.9	
GAUTIER	KA5NOJ	911.250	-		☺
GAUTIER	KA5NOJ	426.250	+		☺
GAUTIER	KC5LCW	443.450	+	123.0	☺
GLOSTER	N5ZNS	443.825	+		
GREENVILLE	N5PS	444.675	+	100.0	
HATTIESBURG	K5PN	443.700	+	T136.5	
HAZLEHURST	N5ZDF	443.950	+	T100.0	
HEIDELBERG	KC5RC	444.300	+	T100.0	
HICKORY FLAT	W4ZCD	444.725	+	T179.9	
INDIANOLA	AB5DU	444.850	+	136.5	
JACKSON	KB5LCL	444.450	+	T141.3	
JACKSON	KB5CO	444.600	+	T100.0	☺
JACKSON	NC5Y	444.700	+		
JACKSON	KB5CO	444.800	+		
JACKSON, EAST	AA5RZ	443.625	+		
MCCOMB	N5HTQ	444.875	+	T100.0	
MERIDIAN	KB5BRZ	444.100	+	131.8	
MERIDIAN	W5LRG	444.500	+	107.2	☺
NATCHEZ	N5IAT	443.800	+		
NETTLETON	AB5MU	444.625	+	192.8	
NEW ALBANY	WB5YCR	444.150	+		
NEW HEBRON	N5NNI	444.525	+	T	
O'REILLY	N5PS	444.975	+	PROP	
PEARL	KB5HAV	444.375	+	T88.5	
PETAL	W5CJR	443.350	+	T	
PHILADELPHIA	WB5YGI	444.950	+		
PICAYUNE	KE5LT	443.725	+	T179.9	☺
PINOLA	KC5LXF	444.850	+		
PORT GIBSON	KC5CLM	444.575	+	T141.3	☺
RAYMOND	W5PPB	443.600	+	77.0	☺
RICHTON	N5OCF	444.625	+		
SOUTHAVEN	NU5O	443.575	+	77.0	☺
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	KD5GVU	444.750	+		☺
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
VOSSBURG	N5LRQ	442.725	+	T167.9	☺
WALLS	N5NBG	444.650	+		
WAYNESBORO	W5SAR	443.500	+		☺
WAYNESBORO	W5SAR	443.550	+		☺
WEST POINT	N5WXD	443.450	+		☺

NORTH CAROLINA

WIGGINS	KB5DZJ	443.300	+	167.9	☺

10 METERS

HIGH POINT	KE4QOX	29.640	-	T103.5	☺
NEWPORT	K4GRW	29.660	-	PROP	☺
ROCKY MOUNT	N4JEH	29.660	-		☺
THOMASVILLE	WW4DC	29.680	-	88.5	☺
WILKESBORO	KC4XE	29.620	-		☺
ZEBULON	WB4IUY	29.620	-		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.750	-		
ASHEVILLE	WD4BQW	53.270	-		☺
BOONE	WA4NC	53.790	-	PROP	☺
CHAPEL HILL	W4UNC	53.450	-	T107.2	☺
CLINTON	W4TLP	53.330	-		☺
DURHAM	W4BAD	53.750	-		
EFLAND	WA1YYN	53.410	-	T107.2	
#FAYETTEVILLE	W4EBM	53.810	-	UNCOR	
GASTONIA	KC4YOT	53.110	-		
HENDERSONVILLE	W4FOT	53.130	-	T100.0	☺
KVILLE/HIPOINT	KF4QDS	53.590	-	T103.5	
LUMBERTON	KD4BGD	53.110	-		☺
MT MITCHELL	AB4JJ	53.630	-	T100.0	☺
MT. AIRY	N4DAJ	53.970	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
PITTSBORO	KD4JFN	53.230	-	T107.2	☺
RALEIGH	K4ITL	53.030	-		☺
RALEIGH	W4BAD	53.190	-	PROP	
REELSBORO	KF4IXW	53.090	-	T162.2	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

ROCKY MOUNT	N4JEH	53.050	-		○
SAURATOWN MT	N4QLX	53.210	-		
SOPHIA/RANDLEMAN	WR4BEG	53.350	-		○
TARBORO	K4SER	53.110	-		○
THOMASVILLE	KE4QOX	53.010	-	T88.5	○
THOMASVILLE	WW4DC	53.170	-	88.5	○
THOMASVILLE	WW4DC	52.525	+	T88.5	○
W. JEFFERSON	AB4JJ	53.330	-	T100.0	○
WILLIAMSTON	K4SER	53.310	-		○
WILMINGTON	AD4DN	53.430	-	T88.5	○
YOUNGSVILLE	KD4MYE	53.370	-	T	○

2 METERS

AHOSKIE	WB4YNF	145.130	-		○
AHOSKIE	WA4ZGQ	146.910	-	T131.8	○
ALBEMARLE	K4OGB	146.985	-	T100.0	○
ANDRWS/ROBNSVL	K4AIH	147.045	-	T151.4	○
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	○
ASHEBORO	KJ4AV	147.255	+		
ASHEVILLE	WB4PLA	146.835	-		○
ASHVL/MT PISGAH	WA4BVW	146.760	-		○
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	
BAKERSVILLE	KC4WPM	145.310	-		○
BENSON	KD4BJD	146.970	-		○
BETHEL	KD4EAD	147.375	+	T151.4	
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+	T103.5	○
BREVARD	K4HXZ	147.135	+		○
BURGAW	K4CTY	146.940	-		○
BURLINGTON	K4FHB	146.670	-		○
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	N4NCK	145.370	-		○
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	○
CANTON	W4DJB	146.805	+		
CARTHAGE	KG4BOS	147.240	+		
CHAPEL HILL	W4UNC	145.230	-	T107.2	○
CHAPEL HILL	K4ITL	147.135	+	T82.5	○
CHARLOTTE	W4BFB	145.230	-		○
CHARLOTTE	W4BFB	145.290	-		○
CHARLOTTE	WA4AOS	145.350	-		○
CHARLOTTE	W4BFB	146.940	-		○
CHARLOTTE	W4CQ	147.060	-		○
CHARLOTTE	W4CQ	147.270	+		○
CHERRY MTN	KG4JIA	147.240	+	94.8	○
CHINA GROVE	N4XO	145.410	-	136.5	
CLAREMONT	WB4SRV	147.225	+	T162.2	
CLAYTON	WB4IUY	147.390	+	T88.5	
CLINTON	W4TLP	146.790	-		○
COINJOCK	WN3X	145.290	-	131.8	
COLUMBIA	KB4TOH	146.835	-	T131.8	○
CONCORD/KANNAP	K4CEB	146.655	-		○
CROSSNORE	KD4GLB	146.700	-	167.9	
#DOBSON	AD4T	146.925	-	UNCOR	
DUNN	N4CID	146.700	-		○
DURHAM	WR4AGC	145.450	-		
DURHAM	WD4LDB	147.360	+		
EDEN/STONEVILLE	WA4QBG	147.390	+		
EFLAND	WA1YYN	147.180	+	T156.7	
ELIZABETH CITY	WA4VTX	146.655	-	131.8	○
ELM CITY	K2IMO	145.150	-	T88.5	○
FARMVILLE	K4ROK	145.270	-	T131.8	
FAYETTEVILLE	WA4FLR	147.330	+		
FAYVLLE/CFARS	WB4YZF	146.910	-	100	
#FOREST CITY	WA4BKU	146.670	-	UNCOR	
FRANKLIN	NT4K	145.490	-		
FRANKLIN	W4GHZ	147.240	+	T151.4	○
GASTONIA	WD4LCF	145.450	-	T	○
GASTONIA/CRWDR	K4GNC	146.805	-		○
GASTONIA/SPCR MT	N4GAS	147.120	+		
GIBSONVILLE	WB4IKY	145.490	-	T107.2	○
GOLDSBORO	KI4RK	145.330	-	100.0	○
GOLDSBORO	K4CYP	146.850	-	T	○
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-	100.0	○
GREENSBORO	W4GG	145.250	-	T88.5	○
GREENSBORO	K4GWH	146.760	-	T88.5	
GREENSBORO	KG4BTN	147.030	+	T131.8	
GREENSBORO	W4BUZ	147.210	+		
GREENVILLE	WD4JPQ	145.350	-	T131.8	○
GREENVL/ESTN NC	W4GDF	147.090	+		
GRIFTON	W4NBR	146.685	-	88.5	○
HATTERAS ISLAND	K4OBX	145.150	-	T131.8	○
HAW RIVER	KD4JFN	146.715	-	T107.2	○
HENDERSONVILLE	WB4YAO	146.640	-	T91.5	○
HENDERSONVILLE	WA4KNI	147.105	+		○
HENDSVL/BERWLW	WA4KNI	145.270	-		○
HENDSVL/PENIC	WA4KNI	147.255	+		○
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	
HIGH POINT	NC4AR	145.290	-	T88.5	○
HIGH POINT	W4UA	147.165	+		○
HILLSBOROUGH	WR4AGC	147.225	+		
#HOPE MILLS	W4KMU	146.835	+	UNCOR	
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		○
JEFFERSON	W4YSB	147.300	+	T103.5	○
KANNAPOLIS	N4JEX	147.300	+	T136.5	○
KILL DEVIL HILLS	W4PCN	145.110	-	T131.8	
KINSTON	W4OIX	145.470	-		○
LAURINBURG	KI4RR	146.625	-		○
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	○
LEXINGTON	N4LEX	145.310	-	T88.5	○
LEXINGTON	K4IZM	146.910	-	T107.2	○
LILLINGTON	K4ITL	147.105	+	T82.5	○
LINCOLNTON	NC4LC	147.015	+	141.3	○
LOCUST	WA4CHZ	147.390	+	T100.0	○
#LUMBERTON	W4NHV	145.150	-	UNCOR	○
LUMBERTON	W4NHV	147.045	+		○
LUMBERTON	KD4PBK	147.165	+	T88.5	○
LUMBERTON	W4PET	147.360	+		○
MACO	KB4BR	147.060	+	T	○
MADISON	WA4IXW	147.345	+	T103.5	
MARION	WD4PVE	146.985	-	118.8	
MILLERS CREEK	N4GGN	146.715	-		○
MONROE/UCARS	NC4UC	145.390	-	T94.8	○
MORGANTON	KC4QPR	146.745	-	94.8	○
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	○
MT MITCHELL	WA4BVW	145.190	-		○
MT. AIRY	N4VL	145.130	-	T103.5	○
MURPHY/STALCUP	N4WCO	146.865	+	T151.4	○
N. WILKESBORO	W4HF	145.370	-	T94.8	○
NASHVILLE	WA4WPD	145.290	-	T107.2	○
NEW BERN	W4EWN	146.610	-	T100.0	○
NEWPORT	K4GRW	145.450	-		○
NEWTON	K4CCR	147.075	+	T88.5	○
ORIENTAL	W4SLH	147.210	+	T151.4	○
OXFORD	N4NCK	145.170	-		○
PITTSBORO	KD4JFN	147.075	+	T146.2	○
RAEFORD	KU4W	145.430	-	100.0	○
RALEIGH	W4RNC	145.130	-	T88.5	
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	WB4TQD	145.390	-	T82.5	○
RALEIGH	W4BWC	145.490	-	T82.5	○
RALEIGH	WB4TOP	146.610	-	T131.8	○
RALEIGH	W4DW	146.640	-		
RALEIGH	W4BWC	146.730	-	T82.5	○
RALEIGH	NC4SU	146.775	-	T88.5	○
RALEIGH	WB4TQD	146.880	-		○
RALEIGH	KD4MYE	147.015	+		○
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH/BENSON	AK4H	147.270	+		○
RED SPRINGS	W4MZP	147.300	+		○
REIDSVILLE	N4IV	146.850	-	T103.5	
#ROANOKE RAPIDS	N4WFU	145.310	-	UNCOR	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROANOKE RAPIDS	K4ITL	147.150	+	PROP	○
ROBBINSVILLE	N4GSM	145.110	-	T151.4	○
ROCKINGHAM	K4RNC	146.955	-		○
ROCKY MOUNT	W4DCG	146.805	-	T118.8	○
ROCKY MOUNT	WN4Z	147.120	+	T131.8	○
ROLESVILLE	KF4HFQ	147.315	+	T88.5	
ROSEBORO	K4ITL	145.310	-		○
SALISBURY	W4EXU	146.730	-	T94.8	○
SAURATOWN MT	W4NC	145.470	-	T100	
SAURATOWN MT	KG4ASL	146.790	-	T107.2	○
SAURATOWN MT	K4MPJ	147.315	+	T100.0	○
SHALLOTTE	K4PPD	145.370	-		
SHALLOTTE	K4PPD	147.315	+	T118.8	
SHALLOTTE	K4PPD	147.390	+		
SHELBY	W4NYR	146.880	-		
SHELBY	W4NYR	147.345	+		
SOUTHPORT	W4ZU	146.775	-	100.0	○
SPARTA/GREEN MT	K4QFQ	145.430	-		○
STAR/BISCOE	KI4DH	147.090	+	100.0	○
STATESVILLE	W4SNC	146.685	-		○
SWANSBORO	KB2XI	146.760	-		○
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	KF4QDS	146.610	-	T123.0	
THOMASVILLE	KB4BPV	146.835	+	T88.5	
THOMASVILLE	WW4DC	147.000	+	T88.5	○
TRENTON	WB4TQD	145.210	-		○
#TROUTMAN	KC4MJC	147.045	+	UNCOR	○
TRYON	KF4JVI	145.330	-		○
TRYON	W4RCW	147.285	+		
WADESBORO	W4USH	146.835	-		○
WANCHESE	WA4CY	146.940	-	T131.8	
WASHINGTON	WA4TEP	147.345	+		
WAXHAW	WA4ZRS	146.865	+	T94.8	○
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	N4DTR	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		○
WILKESBORO	WB4PZA	146.820	-		○
WILLIAMSTON	K4SER	145.410	-	T131.8	○
WILMINGTON	N4CTJ	145.170	-	T88.5	
WILMINGTON	AD4DN	146.670	-	T88.5	○
WILMINGTON	N4ILM	146.730	-		○
WILMINGTON	K4GMP	146.820	-	T88.5	○
WILMINGTON	WA4US	147.135	+	T67.0	○
WILMINGTON	AC4RC	147.180	+	T88.5	○
WILSON	WB4THL	146.760	-	131.8	
WILSON	WB4IUY	147.300	+	PROP	
WINSTON-SALEM	W4NC	146.640	-	T100.0	
YADKINVILLE	N4YSB	147.015	-		○
YOUNGSVILLE	KD4MYE	145.110	-	88.5	○

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-	T	○
ASHEVILLE	KD4CJG	224.520	-	T91.5	
ASHEVILLE	WB4PLA	224.600	-		○
ASHVL/MT PISGAH	WA4BVW	224.260	-		○
BANNER ELK	WA4NC	224.840	-	PROP	○
BARIUM SPRINGS	WA4WRS	224.300	-		○
BIG KNB/MARS HIL	KE4RQL	224.660	-	100.0	
#BIG PHOENIX MTN	KC4KUL	224.600	-	UNCOR	
BURNSVILLE	KD4WAR	224.740	-		
CANTON	N4DWU	224.820	-		○
CHAPEL HILL	K4ITL	224.120	-	PROP	○
CHARLOTTE	W4BFB	224.400	-		○
CHERRY MTN	KG4JIA	224.640	-	PROP	○
CHERRYVILLE	KC4ZTJ	224.960	-		
CLEMMONS	WB9SZL	224.700	-	T100.0	
DUNCAN	KM4TC	224.700	-	T88.5	
EDEN	N4IV	224.780	-	T103.5	
EFLAND	WA1YYN	224.660	-	T107.2	
FAYETTEVILLE	WB4YZF	224.560	-		
GASTONIA	KC4IRA	224.620	-	T127.3	○
GOLDSBORO	W3PS	224.960	-	T156.7	
GREENSBORO	WB4GUG	224.440	-	T107.2	
GREENSBORO	N4QVI	224.960	-		
GRIFTON	WA4DAN	224.840	-		
#GRIMESLAND	WB4PAC	224.360	-	UNCOR	
HAW RIVER	KD4JFN	224.620	-	T107.2	○
HENDERSONVILLE	N4UQS	224.960	-		
HENDSVL/BERWLW	WA4KNI	224.240	-		○
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
KERNERSVILLE	KD4LHP	224.820	-	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240	-	T107.2	○
LENOIR/HIBRITN	KN4K	224.160	-		○
LOCUST	KC4FWC	224.480	-		
MARSHALL	WA4TG	224.360	-		
MT MITCHELL	WA4BVW	224.540	-		○
OXFORD	N4NCK	224.740	-		○
PLYMOUTH	KB7BTU	224.760	-	T131.8	
RALEIGH	K4ITL	224.160	-		○
RALEIGH	W4RNC	224.640	-		
ROCKY MOUNT	NF4C	224.220	-		○
ROCKY MOUNT	KR4AA	224.580	-		○
SALISBURY	W4EXU	224.760	-		○
SHELBY	W4NYR	224.060	-		
SHELBY	KC4ZTJ	224.460	-		
SOPHIS/RANDLEMAN	WR4BEG	224.140	-	T	○
THOMASVILLE	WW4DC	224.340	-	T88.5	○
TRENTON	WA4DAN	224.720	-		
WILMINGTON	WA4US	224.200	-	T	○
WILMINGTON	AD4DN	224.500	-	T88.5	○
WILMINGTON	WB4KPF	224.680	-		
WILMINGTON	KD4WJD	224.800	-	T88.5	
ZEBULON					

440 MHZ

AHOSKIE	WB4YNF	444.200	+	T	○
AIR BELLOWS GAP	WA4PXV	443.575	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	○
ANDRWS/ROBINSVL	K4AIH	443.650	+	T	○
ANDSN MT/DENVER	K4CCR	444.075	+	88.5	○
APEX	KD4PBS	442.075	+	T114.8	
ARCHDALE	KC4KUL	443.300	+	PROP	
ASHEBORO	WD4ICX	442.325	+		
ASHEBORO	KE4QAP	444.975	+		
ASHEVILLE	WA4TOG	442.550	+		○
ASHEVILLE	KD4GEU	442.650	+		
ASHEVILLE	KF4TLA	443.275	+	T103.5	
AUBURN	N4ZCM	442.275	+		
BLADENBORO	KC4FWC	444.725	+	77.0	
BOONE/RICH MT	KC4FWC	444.575	+	T77.0	
BREVARD	AG4AZ	442.850	+		○
BRYSON CITY	N0SU	443.400	+	T151.4	○
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4JDR	444.775	+	T100.0	○
CASTALIA	N4JEH	444.975	+	T107.2	○
CHAPEL HILL	W4UNC	442.150	+	T131.8	○
CHAPEL HILL	W4UNC	443.475	+	T131.8	○
CHARLOTTE	W4PPN	421.250	+		
CHARLOTTE	KD4OWV	443.950	+		○
CHARLOTTE	W4CQ	444.450	+		
CHARLOTTE	W4BFB	444.600	+	T100.0	○
CHARLOTTE	W4WBT	444.675	+		○
CHARLOTTE	W4CQ	444.850	+		
CHARLOTTE	WA1WXL	444.950	+	T136.5	○
CHERRY MTN	KG4JIA	442.500	+	94.8	○
CHINA GROVE	N4JEX	443.250	+	T136.5	○
CLAREMONT	WB4SRV	443.775	+	T118.8	
CLAYTON	W4ATC	444.150	+	T100.0	○
COLUMBIA	KB4TOH	443.300	+	131.8	○
COLUMBUS	K4JLA	442.075	+	T103.5	○
CONCORD	N2QJI	442.525	+	PROP	
CRAB CREEK TWP	KB4PQA	443.125	+		○
CROWDER'S MT	KD4FRP	443.675	+		
DALLAS CHLT	KC4YOZ	443.850	+	T100.0	○
DURHAM	WR4AGC	444.100	+		
DURHAM	KB4WGA	444.925	+	T100.0	○
DURHAM TV HILL	KJ4SO	421.250	+		
EFLAND	WA1YYN	442.050	+	T107.2	
ELIZABETH CITY	WA4VTX	444.300	+	131.8	○

N. CAROLINA REPEATERS CONTINUE

ELM CITY	K2IMO	442.325	+	PROP	☺
FAYETTEVILLE	WB4YZF	444.400	+	100HZ	
FOREST CITY	AI4M	443.300	+	T114.8	☺
FRANKLIN	N4DTR	443.375	+	T131.8	
GASTONIA	KG4LWG	442.775	+	T123.0	
GASTONIA	NC4GC	444.750	+		☺
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	☺
GASTONIA/SPCR MT	N4GAS	444.550	+		
GIBSONVILLE	WB4IKY	443.025	+	T107.2	☺
GIBSONVILLE	WB4IKY	444.350	+	T107.2	☺
GOLDSBORO	W3PS	443.050	+	T156.7	
GRAHAM	K4GWH	443.725	+	T156.7	
GRANTSBORO	KR4LO	444.350	+		☺
GREENSBORO	KO4AT	421.250	+		☺
GREENSBORO	KG4BTN	441.975	+	PROP	
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	☺
GREENSBORO	K4GWH	444.225	+	T146.2	
GREENSBORO	KG4BTN	444.475	+	107.2	☺
GREENSBORO	KF4DWV	444.950	+	PROP	
GREENVILLE	WB4PMQ	444.800	+	T131.8	☺
HATTERAS ISLAND	KG4OBX	444.925	+	T131.8	☺
HAW RIVER	KD4JFN	443.775	+	T107.2	☺
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	T100.0	☺
HENDERSONVILLE	WA4TOG	442.450	+		☺
HENDSVL/BERWLW	WA4KNI	444.250	+		☺
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	☺
HILLSBOROUGH	WA1YYN	443.950	+	PROP	
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	☺
KERNERSVILLE	KF4DAR	442.975	+	T107.2	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	☺
KINSTON	N4HAJ	444.425	+	PROP	
KINSTON	N4HAJ	444.575	+	T88.5	
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	☺
LAKE GASTON	KF5TU	442.350	+	T100.HZ	☺
LENOIR/CAJAH MT	N4EUX	443.525	+		
LEXINGTON	KO0NTZ	442.275	+	T146.2	☺
LEXINGTON	K4AE	442.425	+	T107.2	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	W4PAR	444.500	+		☺
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LINVILLE	KC4UBR	442.175	+	T136.5	
LOCUST	WA4LBT	443.700	+		
LOUISBURG	N4EWS	444.250	+	88.5	
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	☺
MAYODAN	WA4WGY	443.975	+		
MCLEANSVILLE	WB4GUG	444.125	+	T	
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	NC4UC	444.425	+	T94.8	☺
MORAVIAN FALLS	KA2NAX	442.675	+	PROP	
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	☺
MORGANTON	KC4QZL	443.800	+	T	
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	☺
MT MITCHELL	N4DWU	443.600	+	114.8	☺
NASHVILLE	N4JEH	443.700	+	T107.2	☺
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	KC4WXA	444.600	+		
PIKEVILLE	KI4RK	443.000	+		☺
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	☺
POLKVILLE	KC4ZTJ	444.975	+		
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T	☺
RALEIGH	NC4SU	442.675	+	100.0	
RALEIGH	WA4NNA	443.125	+		☺
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T88.5	
RALEIGH	K4GWH	444.825	+	T146.2	
RALEIGH	KD4RAA	444.875	+	T100.0	☺
REIDSVILLE	K4YEC	444.800	+	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425	+	T156.7	
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
#ROCKINGHAM	KC4FWC	443.825	+	UNCOR	
ROCKY MOUNT	N4JEH	444.700	+	T107.2	☺
ROCKY MOUNT	WN4Z	444.850	+	T131.8	☺
ROLESVILLE	KF4HFQ	444.950	+	T88.5	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	T156.7	☺
SALISBURY	W4HG	443.150	+	T136.5	
SALISBURY	KJ4HF	444.650	+	T88.5	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	☺
SAURATOWN MT	WB4GUG	443.400	+	T107.2	
SCOTLAND NECK	WA4TCC	444.075	+	PROP	
SELMA	KI4RK	444.000	+		☺
#SHELBY	W4NYR	427.250	+	UNCOR	
SHELBY	W4NYR	444.325	+		
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		☺
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
SPIVEY'S CORNER	KD4DMS	442.875	+		
#STANFIELD	KC4FWC	443.200	+	UNCOR	
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	T94.8	☺
TARBORO	N4JEH	444.500	+	T100.0	☺
TARBORO	N4NTO	444.925	+	T118.8	☺
TAYLORSVILLE	W4ERT	441.625	+	T123.0	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	☺
VALDESE	WA4PXV	442.600	+		
WAXHAW	WA4ZRS	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
WENTWORTH	N4IV	442.100	+	PROP	
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	☺
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILKESBORO	KC4XE	443.550	+		☺
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	K4GMP	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	☺
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	W4NC	444.275	+		
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	☺
YADKINVILLE	KD4KMK	442.025	+	T100.0	
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KD2LH	443.200	+	T88.5	☺
ZEBULON	KD4WJD	442.400	+		
ZIRCONIA	N2QJI	441.900	+	PROP	

920 MHZ

BEAR WALLOW	WA4TOG	927.550	-	PROP	☺
CONCORD	N2QJI	927.662	-	PROP	
RALEIGH	W4FAL	927.662	-	T156.7	☺
WAYNESVILLE	N4DTR	927.662	-	T131.8	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
CONCORD	N2QJI	1282.525	-	PROP	
GASTONIA/CRWDR	AG4EI	1292.820	-		☺

SOUTH CARLINA

WILMINGTON	AD4DN	1291.410	-	88.5	☺

10 METERS

SUMTER	W4GL	29.660	-		☺

6 METERS

BISHOPVILLE	K4NOC	53.090	-		☺
CHESTER	KF4SXO	53.290	-		
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	
LEESVILLE	N5CWH	53.270	-	T162.2	☺
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
ORANGEBURG	AD4U	53.210	-		☺
ROCK HILL	KI4D	53.250	-	PROP	
SUMTER	W4GL	53.770	-		☺
UNION	K4USC	53.150	-		☺
WALTERBORO	KG4BZN	53.310	-	123.0	☺

2 METERS

AIKEN	KY4S	145.170	-		☺
AIKEN	N4ADM	147.285	+		☺
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		☺
AWENDAW	K4LWS	147.300	+	T103.5	
BAMBERG	WA4DFP	145.330	-		
BARNWELL	KK4BQ	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KOJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	☺
BISHOPVILLE	W4APE	146.925	-		☺
CAMDEN	KT4NZ	146.820	-	PROP	
CHARLESTON	WA4USN	145.250	-	123.0	
CHARLESTON	WA4USN	146.790	-		
CHARLESTON	KT4YW	146.835	-		☺
CHARLESTON	N7GZT	146.940	-	T	☺
CHARLESTON	KF4CDR	147.345	+	T	
CHARLESTON AR	WA4USN	145.410	-		☺
CHARLESTON AREA	W4ANK	147.270	+		
CHERAW	W4APE	145.490	-		☺
CHESTER	W4CHR	145.310	-		
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	K4CCC	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N7GZT	145.270	-	T162.2	☺
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	NN4N	146.745	-		
EASTOVER	KT4BU	147.075	+	T156.7	☺
ELLOREE	KC4WIF	146.610	-	T118.8	☺
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-		☺
FLORENCE	W4APE	147.195	+		☺
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	KN4RG	145.470	-	T141.3	☺
GEORGETOWN	KI4CB	147.375	+		☺
GREELEYVILLE	KG4AQH	145.230	-		☺
GREENVILLE	W4IQQ	146.940	-		☺
GREENWOOD	W4JAK	145.130	-		☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺
GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
LANCASTER	W4PAX	146.700	-		☺
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	☺
LEESVILLE	N5CWH	146.655	-	T162.2	☺
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		☺
LITTLE MT.	K4AVU	147.210	+		
MARION	KD4HTW	147.000	-	T192.8	☺
MONCKS CORNER	WD4NUN	147.150	+	T	☺
MOUNTAIN REST	KU4OL	147.030	-		
MT PLEASANT	K4ESG	146.760	-	T	
MT. PLEASANT	N7GZT	145.450	-	T	☺
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		☺
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	W4GS	147.120	+		☺
MYRTLE BEACH	K2PJ	147.240	+	PROP	
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	N4JTH	147.030	+	UNCOR	☺
ORANGEBURG	KF4ATU	146.805	-	T156.7	
ORANGEBURG	N7GZT	146.880	-	T	☺
ORANGEBURG	KF4ATU	147.090	+	T156.7	
PAGELAND	W4APE	146.895	-		☺
PALMETTO	KB4RRC	147.345	+	PROP	
PICKENS	WT4F	146.700	-	107.2	
PICKENS	WB4YXZ	147.000	-		
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SAVANNAH RIVER	W4ZKM	145.450	-	PROP	
SENECA/LONG MT	WA4JRJ	147.270	+		☺
SIMPSONVILLE	WA4UKX	145.250	-	PROP	☺
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SMOAKS	KG4LAP	145.210	-		
SPARTANBURG	K4JLA	147.090	+		☺
SPARTANBURG	K4JLA	147.315	+		☺
ST. GEORGE	K4ILT	147.045	+	103.5	☺
ST. GEORGE	W4DTW	147.225	+		☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	☺
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W4HNK	147.180	+	123.0	☺
SUMTER	K4JR	145.130	-		☺
SUMTER	K4JR	145.430	-	T156.7	☺
SUMTER	W4GL	146.640	-		☺
SUMTER	W4GL	147.015	+	156.7	☺
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.150	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	147.135	+		☺
WHITE HALL	WA4SJS	146.910	-		☺

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		☺
CHARLESTON	KA4NRL	224.180	-		☺
COLUMBIA	N7GZT	224.160	-		☺
COLUMBIA	KC4SWI	224.640	-		☺
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		☺
FORT MILL	WZ4SC	224.800	-		
GAFFNEY	KG4JIA	224.500	-	PROP	☺
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LEESVILLE	N5CWH	224.560	-	T162.2	☺
LITTLE MTN.	K4RWN	224.520	-		☺
ORANGEBURG	KO4BR	224.780	-		☺
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

S. CAROLINA REPEATERS CONTINUE

SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		☺

440 MHZ

AIKEN	AC4WW	443.400	+	T107.2	
ANDERSON	KD4HEY	442.750	+	PROP	☺
BISHOPVILLE	K4NOC	444.500	+	123.0	☺
BLUFFTON	WA4MPZ	442.675	+	100.0	☺
CHARLESTON	KF4CDR	442.775	+	T	
CHARLESTON	N4MNH	444.300	+		
CHARLESTON	KD4PBC	444.950	+	103.5	
CLEMSON UNIV.	WD4EOG	444.625	+	T156.7	
CLOVER	KC4KPJ	443.725	+	PROP	
COLUMBIA	N7GZT	442.200	+	162.2	☺
COLUMBIA	KF4GHC	444.200	+	T156.7	☺
COWPENS	KE4EAN	443.625	+	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925	+	T103.5	
FLORENCE	W4ULH	444.000	+		
FORT MILL	WZ4SC	443.475	+		
GAFFNEY	AI4M	442.000	+	114.8	☺
GEORGETOWN	KI4CB	444.925	+	T	☺
GREELEYVILLE	KG4AQH	441.525	+	PROP	☺
GREENVILLE	KB4PQA	442.250	+		☺
GREENWOOD	W4GWD	443.900	+	107.2	☺
GRNVLE/PARIS MT	W4IQQ	443.350	+		☺
KNIGHTSVILLE	WA4USN	441.350	+		☺
LAKE MURRAY	N4UHF	444.650	+	T	
LANCASTER	KC4AC	444.100	+		
LAURENS	KD4HLH	443.175	+	T146.2	☺
LAURENS	KF4Y	443.775	+	T141.3	
LEESVILLE	N5CWH	443.500	+	162.2	☺
LEXINGTON	N4GUP	421.250	+		
LIBERTY	N4VDE	443.975	+	PROP	
LITTLE MT	NK4W	442.975	+	T162.2	
MOUNTAIN REST	AE4PZ	442.775	+	T127.3	
MT PLEASANT	W4HNK	443.800	+	123.0	☺
MT. PLEASANT	WA4USN	441.450	+		☺
MYB BCH/BRKSVIL	N4LV	444.525	+		
MYR BCH/CONWAY	W4GS	444.675	+	T85.4	☺
MYRTLE BEACH	K2PJ	444.575	+	85.4	☺
NO. CHARLESTON	KT4YW	444.600	+		☺
ORANGEBURG	WM3O	444.975	+		
PICKENS	WT4F	442.125	+		
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	☺
ROCK HILL	KC4KPJ	444.725	+	PROP	
SIMPSONVILLE	AA4LB	442.725	+	T100.0	☺
SPARTANBURG	KU4ZS	442.175	+	PROP	☺
SUMMERVILLE	KC4ED	442.300	+	T	☺
SUMTER	WZ4O	421.250	+		
SUMTER	W4GL	444.150	+	123.0	☺
UNION	K4USC	442.100	+		☺
WALTERBORO	KG4BZN	444.550	+	123.0	☺

10 METERS

GALLATIN/BNA	W4CAT	29.640	-	T107.2	
GREENEVILLE	WB4NKM	29.640	-		
MEMPHIS	W4ZJM	29.620	-	T*#	
SPRINGFIELD	N8ITF	29.680	-	88.5	
TELLICO PLAINS	AJ4D	29.620	-	PROP	

6 METERS

CHATTANOOGA	K4VCM	53.350	-		☺
COOKEVILLE	WA4UCE	53.190	-	PROP	☺
DRESDEN	KE4OVN	53.710	-	T107.2	
DRESDEN	KG4IBW	53.130	-	T107.2	
GALLATIN	WA4BGK	53.050	-	T114.8	
GEORGETOWN	WD4OAR	53.730	-	PROP	
GUTHRIE (TN/KY)	KA4ZKL	53.230	-		
KINGSPORT	K4GX	53.430	-	PROP	
#KNOXVILLE	WA4YON	53.250	-	UNCOR	

TENNESSEE

KNOXVILLE	N4OQJ	53.550	-	PROP	☺
KNOXVILLE	W4BBB	53.770	-	1000.0	
KNXVL/ENG MT	WB4IOB	53.150	-		
LAFOLLETTE	K4BGW	53.170	-	PROP	
LEXINGTON	N5YKR	53.150	-	T100.0	
MARYVILLE	KC4PDQ	53.370	-		☺
MEMPHIS	WA4KOG	53.010	-		
MEMPHIS	K4RDK	53.550	-		
MEMPHIS	W4GMM	53.930	-	T107.2	☺
MONTEAGLE MTN	NO4Y	53.450	-	114.8	☺
MORRISTOWN	KF4FTD	53.030	-	PROP	
MORRISTOWN	KQ4E	53.230	-		
NASHVILLE	WA4BGK	53.010	-	T114.8	
NASHVILLE	N4ARK	145.210	-		☺
OAK RIDGE	WD4GYN	53.110	-		
ROAN MTN	KD4SQB	53.310	-		
#ROGERSVILLE	K4GX	53.750	-	UNCOR	
SEVIERVILLE	KD4PBC	53.090	-	PROP	
SPRINGFIELD	N8ITF	53.150	-	107.2	
WAVERLY	NO4Q	53.090	-		

2 METERS

ALAMO	WB4EDS	147.135	+		
ANDERSON CTY	KF4BVQ	146.700	-	T100.0	
ARNOLD A.F.B.	KC4FV	147.195	+		☺
ATHENS	KG4FZR	145.150	-	T141.3	☺
ATHENS	WA4PNI	145.310	-	T141.3	☺
BENTON	K4SIR	145.450	-	T	
BLOUNTVILLE	W4CBX	147.000	+		☺
BOLIVAR	AF4O	147.045	+		☺
BRADEN	WA4KOG	145.490	-		
BRISTOL	W4UD	146.670	-		☺
BRISTOL	WD4CYZ	146.880	-		
BROWNSVILLE	WF4Q	145.430	-	T107.2	☺
BROWNSVILLE	KD4AOK	146.655	-		
BRSTL/HOLSTN MT	K4JP	146.760	-		
BRUCETON	WF4Q	145.170	-	T107.2	☺
CARTHAGE	N4OTT	145.190	-		☺
CENTERVILLE	AG4UW	147.090	+	T123.0	
CENTERVILLE	AG4UW	147.255	+	T123.0	
CHARLESTON	KD4LDU	147.060	-	T141.3	
CHATTANOOGA	K4CMY	145.130	-		
CHATTANOOGA	W4AM	145.290	-	T118.8	
CHATTANOOGA	W4AM	145.390	-		
CHATTANOOGA	W4AM	146.610	-		
CHATTANOOGA	W4AM	146.790	-		
CLARKSVILLE	WD4SGA	147.000	+		☺
CLARKSVILLE	KF4L	147.390	+	T123.0	
CLEVELAND	W4GZX	146.925	-		☺
CLEVELAND	KD4NEC	147.105	+		
CLEVELAND	WD4DES	147.180	+	T118.8	☺
COLLEGEDALE	KA6UHV	147.000	+	T131.8	☺
COLLIERVILLE	WT4E	145.330	-	PROP	
COLUMBIA	W4GGM	147.120	+	T127.3	☺
COOKEVILLE	NO4Y	145.110	-		☺
COOKEVILLE	WA4UCE	145.430	-		☺
COOKEVILLE	W4HPL	147.210	+		☺
CORNERSVILLE	WB4VXX	146.625	-	107.2	
CORNERSVILLE	KF4TNP	146.805	-	114.8	
CROSS PLAINS	K4BBN	147.345	+		☺
CROSSVILLE	W4EYJ	146.805	-	131.8	
CROSSVILLE	KF4DPU	146.865	-		
CROSSVILLE	KF4HNV	146.895	-	PROP	
CUMBERLAND CITY	WD4DBJ	145.330	-		☺
CUMBERLAND CITY	WA4TLZ	146.925	-	T127.3	
DANDRIDGE	WD4EGD	146.895	-	T	
DAYTON	K4PHT	147.345	+		
DAYTON/RHEA CTY	K4DPD	147.390	+		☺
DICKSON	KN4HL	147.375	+		☺
DOVER	KT4WS	145.250	-	100.0	
DOVER	N4VIH	145.410	-		☺
DRESDEN	KE4OVN	145.350	-	107.2	
DYERSBURG	W4MV	146.745	-		☺
ELIZTON/HOLS MT	KF4ZQA	145.290	-	T100.0	☺
ERWIN/PINNACLE	N4WXS	145.250	-	T	☺
ERWIN/UNICOI	KF4BRS	147.165	+		
FAYETTEVILLE	W4BV	147.030	+		☺
FRANKLIN	W4XS	145.150	-		
FRANKLIN	WA4JA	147.255	+		
FRUITLAND	WF4Q	146.775	-	T107.2	☺
GALLATIN	W4LKZ	147.240	+	T114.8	☺
GALLATIN	WD4BKY	147.270	+	T114.8	☺
GALLATIN	W4CAT	147.300	+	T114.8	
GERMANTOWN	W2GLJ	145.210	-		
GRAY	WM4T	145.110	-		
GREENBRIER	WQ4E	147.075	+	T107.2	☺
GREENEVILLE	W4WC	145.390	-		
GREENEVILLE	N4FV	147.060	+	186.2	
GRNVL/VIKING MT	K4MFD	145.410	-	T173.8	☺
GTLBG/COVE MTN	WA4KJH	146.850	-	T127.3	
HARRIMAN	KA4QYI	146.640	-	T100.0	☺
HARRIMAN	KC4WHL	146.745	-		
HENDERSON	K4TC	147.105	+	T	☺
HOWENWALD	K4TTC	146.895	-	100.0	☺
HUNTINGDON	KB4YTM	146.835	-		
JACKSON	KF4SC	145.310	-		☺
JACKSON	WF4Q	147.210	+	T107.2	☺
JACKSON	WB0TMC	147.270	+		
JAMESTOWN	K4NLP	147.090	+	T100.0	☺
JASPER	KD4XV	145.190	-	T127.3	☺
JOHNSON CITY	W4ABR	146.790	-		☺
JOHNSON CITY	KE4FH	147.270	+		☺
JONESBOROUGH	WD4OBW	146.925	-		☺
KNGSPT/BAYS MT	W4TRC	146.970	-		
KNOXVILLE	WB4GBI	145.170	-		
KNOXVILLE	WA4TEM	145.330	-		☺
KNOXVILLE	KB4KIE	145.370	-		
KNOXVILLE	WB4YLC	145.430	-		☺
KNOXVILLE	WB4GBI	145.470	-		
KNOXVILLE	WB4GBI	146.625	-	T100.0	
KNOXVILLE	KC4ROG	146.910	-	T	
KNOXVILLE	WB4GBI	146.940	-		
#KNOXVILLE	KD4CWB	147.000	-	UNCOR	
KNOXVILLE	WB4GBI	147.075	+		
KNOXVILLE	KD4CWB	147.195	+	PROP	
KNOXVILLE/RACK	W4BBB	145.210	-	T100.0	
KNOXVILLE/RACK	W4BBB	147.300	+	T100.0	
KNXVL/ENG MT	WB4IOB	146.730	-		
LAFAYETTE	KC4ECD	145.310	-	T151.4	☺
LAFOLLETTE	KA4OAK	145.130	-		
LAFOLLETTE	K4BGW	146.670	-		
LAFOLLETTE	KA4OAK	147.360	+		
LAKE CITY	WB4OAH	146.820	-		
LAVERNE	W4CAT	145.230	-		
LAWRENCEBURG	W4RDM	146.655	-	T	
LEBANON	W4LYR	147.105	+	T100.0	☺
LIVINGSTON	W5BAK	147.045	+		☺
MANCHESTER	W4UOT	146.700	-	T114.8	☺
MARTIN	N4ABU	146.625	-		
MARYVILLE/ALCOA	W4OLB	146.655	-		☺
MAYNARDVILLE	KB4KIE	145.230	-		
MCEWEN	NO4Q	147.225	+		
MCMINNVILLE	WD4MWQ	146.970	-		
MCMINVL/SHT MT	WB4LHO	145.490	-		
MCNAIRY	WF4Q	147.075	+	T107.2	☺
MEDINA	WA4RWK	146.970	-		
MEMPHIS	KF4ATY	145.130	-	T107.2	☺
MEMPHIS	K0JXI	145.150	-		
MEMPHIS	N4ER	145.250	-	T146.2	☺
MEMPHIS	K5FE	145.410	-	T107.2	
MEMPHIS	WA4KOG	145.450	-		
MEMPHIS	WB4KQQ	146.640	-		
MEMPHIS	KE4LFZ	146.730	-	T107.2	☺
MEMPHIS	W4KIB	146.790	-	T107.2	
MEMPHIS	W4BS	146.820	-	T	
MEMPHIS	WA4KOG	146.850	-		
MEMPHIS	WA4KOG	146.880	-		
MEMPHIS	N4BSM	146.940	-	T107.2	
MEMPHIS	W4ZJM	147.000	-	T*#	
MEMPHIS	W4EM	147.030	+	T107.2	☺
MEMPHIS	WA4MQQ	147.060	+		☺
MEMPHIS	W4GMM	147.090	+	T107.2	☺
MEMPHIS	N4WAH	147.120	+	T107.2	
MEMPHIS	WA4KOG	147.180	+		
MEMPHIS	WA4ADT	147.300	+	107.2	
MEMPHIS	W4BS	147.360	+	T107.2	
MONTEAGLE MTN	NO4Y	145.410	-	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	
MORRISTOWN	KQ4E	145.450	-		
MORRISTOWN	KQ4E	147.030	+		
MORRISTOWN	WB4OAH	147.225	+		
#MORRISTOWN	KQ4E	147.390	+	UNCOR	
MOSCOW	KF4OID	145.110	-	107.2	☺
MOUNTAIN CITY	KF4RBR	145.470	-	103.5	☺
#MT PLEASANT	KF4GHD	145.450	-	UNCOR	☺
MURFREESBORO	WB4LHO	145.170	-		
NASHVILLE	KC4WPS	145.130	-	T114.8	
NASHVILLE	N4ARK	52.525	+		☺
NASHVILLE	N4ARK	145.210	-		☺
NASHVILLE	WR3S	145.370	-		☺
NASHVILLE	N4ARK	145.470	-		☺
NASHVILLE	WA4PCD	146.610	-	T	
NASHVILLE	AF4TZ	146.640	-	T114.8	☺
NASHVILLE	AF4TZ	146.670	-	T114.8	☺
NASHVILLE	WA4PCD	146.760	-	T114.8	
NASHVILLE	W4SQE	146.790	-	T100.0	☺
NASHVILLE	W4AY	146.850	-	T114.8	☺
NASHVILLE	WA4PCD	146.880	-	T	
#NASHVILLE	NT4L	146.955	-	UNCOR	
NASHVILLE	KC4PRD	146.985	-		☺
NASHVILLE	AF4TZ	147.015	+	T	☺
NASHVILLE	K4AYN	147.045	+		
NASHVILLE	K4ZGA	147.180	+	T114.8	
NASHVILLE	AF4TZ	147.360	+	T	☺
NASHVILLE WEST	WA4PCD	147.150	+	T114.8	
NASHVL/FAIRVIEW	N4ARK	145.110	-	151.4	☺
NOLENSVILLE	WD4JYD	145.350	-	114.8	☺
OAK RIDGE	W4SKH	146.880	-		☺
OAK RIDGE	W4SKH	146.970	-		☺
OAK RIDGE	K4EAJ	147.120	+	T82.5	☺
OAK RIDGE	K4EAJ	147.150	+	T82.5	☺
OAKFIELD	WA4BJY	147.390	+	T	
ONEIDA	KB4PNG	145.350	-	PROP	
#ONEIDA	KB4PNG	146.820	-	UNCOR	
PARIS	KC4YLL	147.165	+	PROP	
PARIS	K4KLX	147.360	+		
PETROS/FRZ HD MT	KJ4SI	147.255	+		☺
PIGEON FORGE	KD4CLA	145.270	-	T100.0	
PIKEVILLE	KF4JPT	147.285	+		☺
PULASKI	WD4RBJ	147.330	+	100.0	
PULASKI/MUSIC MT	W4JVO	146.775	-		
PURYEAR	WA4CEX	147.165	+		
RAMER	WB4MMI	146.700	-	T107.2	☺
RCKWD/MT ROSVLT	KE4RX	147.015	+		☺
#RICHLAND	KF4TNP	147.390	+	UNCOR	
RIDGETOP	K4DXC	145.290	-	114.8	☺
RIPLEY	KE4NTL	145.230	-	T100.0	☺
ROGERSVILLE	KD4HZN	147.315	+	T114.8	
SALTILLO	KB4JUB	146.715	-		
SARDIS	AF4OQ	147.195	+	T94.8	
SELMER	WB4MMI	146.805	-	T107.2	☺
SHELBYVILLE	N4VFB	147.060	+		
SHILOH	WF4Q	145.290	-	T107.2	☺
SHORT MTN	W4YXA	146.910	-		
SPARTA	N4ARK	147.315	+	T123.0	☺
SPARTA/WHITE	KR4BT	147.165	+	T123.0	☺
TELLICO PLAINS	AJ4D	147.315	+	T141.3	
TRENTON	KN4KP	146.865	-		
UNION CITY	WA4YGM	146.700	-		
UNION CITY	WF4Q	147.015	+	T107.2	☺
WALLAND	KF4ARH	146.685	-	T88.5	☺
WARTBURG	AA4YQ	146.745	-		☺
WATERTOWN	K4EHL	146.730	-	T100.0	☺
WATERTOWN	W4LYR	146.835	-	T100.0	☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

WINCHESTER	W4UOT	146.820	-		☺

220 MHZ

BLOUNTVILLE	W4CBX	224.200	-		☺
CHATTANOOGA	K4VCM	224.780	-		
CLEVELAND	KK4US	224.320	-		
COALFIELD	KC4WGH	224.840	-	T88.5	☺
COLLIERVILLE	KB4YGI	224.400	-		
ERWIN	KB8FPK	224.180	-		☺
GALLATIN	W4CAT	223.980	-	107.2	
GALLATIN	KD4VUW	224.700	-		
GATLINBURG	W4UWH	224.620	-		
GREENBRIAR	WQ4E	224.800	-		☺
GREENBRIER	WQ4E	224.760	-		☺
GREENEVILLE	W4WC	224.900	-	T100.0	☺
GREENEVILLE	WB4NKM	224.940	-		
HERMITAGE	WB4SJV	223.900	-		
JC/BUFFALO MT	KE4FH	224.780	-		☺
KNOXVILLE	WB4GBI	224.340	-	PROP	
KNOXVILLE	N4OQJ	224.380	-	100.0	☺
KNOXVILLE	N4KFI	224.580	-	T103.5	
KNOXVILLE	K4PCK	224.760	-		☺
KNOXVILLE/RACK	W4BBB	224.500	-	T100.0	
KNXVL/CROSS MT	KB4FZK	224.220	-	T100.0	☺
LAFOLLETTE	KA4OAK	224.280	-		
LAVERGNE	WR3S	224.360	-		☺
LEWISBURG	KF4TNP	224.100	-		
MEMPHIS	W4ZJM	223.940	-	T*#	
MEMPHIS	W4BS	224.420	-		
MEMPHIS	WA4KOG	224.780	-		
MORRISTOWN	N4RBB	224.400	-		
MORRISTOWN	KC4RGQ	224.640	-		
MURFREESBORO	KD4TZZ	224.600	-	123.0	☺
NASHVILLE	WR3S	224.160	-		
#NASHVILLE	KC4TFQ	224.440	-	UNCOR	
NASHVILLE	WR3S	224.460	-		
NASHVILLE	K4ZGA	224.480	-		
NASHVILLE	WR3S	224.660	-		
NASHVILLE	N4PYI	224.740	-	T100.0	☺
NASHVILLE	KC4PRD	224.840	-		☺
NASHVILLE	WA4PCD	224.940	-	T	
NEWPORT	AC4JF	224.560	-	T100.0	
ONEIDA	KB4PNG	224.140	-		
ROGERSVILLE	KD4HZN	224.480	-		
S. PITTSBURG	WR3S	224.760	-		
SE NASHVILLE	WR3S	224.960	-		
SEVIERVILLE	N2FUV	224.440	-	T	
SEVIERVILLE	KD4IBW	224.700	-	T100.0	
SEVIERVILLE	KD4IBW	224.800	-		
SHORT MTN.	N4PYI	224.260	-	T114.8	☺
SIGNAL MT	W4RRG	224.920	-		☺
SMITHVILLE	WR3S	223.960	-		☺
SPRINGFIELD	KO4BN	224.220	-		
SPRINGFIELD	N8ITF	224.540	-	107.2	
SWEETWATER	WD9JGI	224.900	-	T127.3	

440 MHZ

ALAMO	WB4EDS	443.750	+		
ARNOLD A.F.B.	KC4FV	443.950	+		
BARTLETT	K4VVM	443.700	+	T107.2	
BARTLETT	WA4PAJ	444.250	+		
BIG SANDY	W4TLB	443.600	+	114.8	
BRICK CHURCH	KF4TNP	443.100	+	T167.9	
BRSTL/HOLSTN MT	K4JP	444.500	+		
CENTERVILLE	AG4UW	444.700	+	T107.2	
CHAT/MNTLAKE MT	KD4UWA	444.875	+	T156.7	
CHAT/WALDEN	AF4ZJ	442.425	+		
CHATT/HIXSON	N4WT	442.900	+		☺
CHATTANOOGA	WJ9J	442.150	+		☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	KT4OL	443.125	+	PROP	☺
CHATTANOOGA	WB4LRD	443.550	+		
CHATTANOOGA	KD4HII	443.900	+	T	
CHATTANOOGA	W4AM	444.100	+		
CHATTANOOGA	KE4LQY	444.150	+		☺
CHATTANOOGA	KD4HII	444.200	+	T	
CLARKSVILLE	KA1FFO	442.900	+	T110.9	
CLARKSVILLE	WA4BZU	444.325	+	T107.2	
CLARKSVILLE	KF4GP	444.950	+	T167.9	
CLEVELAND	WD4DES	442.250	+	T118.8	☺
CLEVELAND	KD4NED	442.450	+	PROP	
CLEVELAND	W4GZX	444.275	+		☺
COLLEGEDALE	KA6UHV	443.575	+	T131.8	☺
COLLIERVILLE	KA7UEC	443.300	+	107.2	☺
COLLIERVILLE	KA7UEC	443.625	+	T107.2	☺
COLLIERVILLE	WT4E	444.625	+	T107.2	
COLUMBIA	W4RDM	442.725	+		
COLUMBIA	WA4AKM	444.925	+	T107.2	
CONCORD	KA4BNI	442.675	+	T107.2	☺
COOKEVILLE	WA4UCE	442.300	+	107.2	☺
COOKEVILLE	NO4Y	444.550	+	T107.2	☺
COOKEVILLE	WS4S	444.600	+	T107.2	
CROSSVILLE	W4EYJ	444.950	+	T118.8	
CUMBERLAND FU	KG4CEO	442.375	+	T107.2	☺
DAYTON	KJ4BJ	442.075	+		☺
DEASON	WA4AWI	443.350	+	T107.2	
DECATUR	KE4MBR	442.725	+	PROP	
DOVER	N4VIH	444.925	+		☺
DRESDEN	KA4BNI	442.150	+	T107.2	☺
DRESDEN	KE4OVN	443.850	+	T107.2	
ETOWAH	KF4CFO	442.275	+	141.3	☺
EVA	AD4QG	443.625	+		
FRANKLIN	N4ULM	443.850	+		
FRANKLIN	WA4AKM	444.725	+	T107.2	
FRANKLIN	WD4BKY	444.000	+	T	☺
GALLATIN	WD4BKY	444.350	+	T114.8	☺
GALLATIN	W4CAT	444.450	+	T107.2	
GALLATIN	WA4AKM	444.775	+	T107.2	
GATLBG/COVE MT	WA4KJH	443.300	+	T127.3	
GATLINBURG	KD4PBC	443.150	+	PROP	
GERMANTOWN	W2GLJ	444.175	+		☺
GOODLETTSVILLE	KC4PRD	443.125	+	107.2	☺
GRAY	WM4T	442.200	+	T100.0	
GREENBRIER	WQ4E	444.250	+		☺
GREENEVILLE	W4WC	443.200	+	100.0	
GREENEVILLE	WB4NKM	444.650	+	T100.0	
GREENEVILLE	K4GX	444.950	+	PROP	
HARRIMAN	KC4WHL	442.875	+	T136.5	
HARRIMAN	KC4WHL	444.025	+		
HENDERSON	KE4PFW	442.275	+		
HENDERSON	KU4RT	442.575	+		
HENDERSON	K4TC	444.750	+	T	☺
HICKORY VALLEY	KA4JXT	443.125	+	107.2	☺
HIXSON	KF4VWJ	444.750	+	PROP	
HOHENWALD	K4TTC	442.000	+		☺
HOHENWALD	WB4NNX	444.850	+	T100.0	☺
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KA4BNI	442.425	+	T107.2	☺
JACKSON	KE4CES	442.900	+	T114.8	☺
JACKSON	WB0TMC	444.725	+	T107.2	
JAMESTOWN	KC4MJN	443.625	+	T100.0	☺
JASPER	KD4XV	442.050	+	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	WB4SQC	442.050	+	T100.0	☺
JOHNSON CITY	KE4FH	444.100	+		☺
JOHNSON CITY/BUF	WD4ATV	421.250	+		☺
KNOX/ENGLSH MT	WB4HAP	444.600	+		
KNOXVILLE	WB4HAP	442.500	+	T103.5	
KNOXVILLE	N4UAG	443.025	+		
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	
KNOXVILLE	KA4AZQ	443.800	+	T100.0	
KNOXVILLE	KD4OBX	443.950	+		☺
KNOXVILLE	KD4CWB	444.000	+	PROP	
KNOXVILLE	KC4NNN	444.175	+	T	
KNOXVILLE	WB4GBI	444.300	+		
KNOXVILLE	KB4KSL	444.325	+		
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KD4IBW	444.525	+	T100.0	
KNOXVILLE	KD4TZD	444.925	+		☺
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		☺
LAKE CITY	WD4LUR	442.800	+	T100.0	☺
LAVERGNE	WR3S	443.975	+	T	
LEBANON	WA4AWI	443.275	+	T107.2	
LEBANON	W4LYR	443.575	+	T100.0	☺
LEBANON	WA4AXH	444.275	+	T	
LEWISBURG	KF4TNP	442.100	+	107.2	
LEWISBURG	KG4JJB	444.075	+	107.2	
LEXINGTON	KA4BNI	442.075	+	T107.2	☺
LORETTO	KF4OCK	442.875	+	203.5	
MARYVILLE	K4BTL	442.000	+		
MARYVILLE	KC4PDQ	444.075	+	100.0	☺
MARYVILLE	KE4FGW	444.825	+	T100.0	☺
MCEWEN	KE4KNZ	443.925	+	T	☺
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MCNAIRY	WF4Q	444.550	+	T107.2	☺
MEDINA	WA4BJY	442.050	+		
MEMPHIS	W4GMM	442.175	+	T107.2	☺
MEMPHIS	NU5O	442.575	+	77.0	☺
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	
MEMPHIS	KA4JXT	443.100	+	T107.2	☺
MEMPHIS	KA4JXT	443.125	+	T	☺
MEMPHIS	W4BS	443.200	+	T107.2	
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+	107.2	☺
MEMPHIS	KA4JXT	444.100	+	T	☺
MEMPHIS	KA4JXT	444.125	+	T	☺
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+	107.2	
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MONTEAGLE MT.	NO4Y	441.250	+		☺
#MORRISTOWN	KD4LP	444.800	+	UNCOR	
MORRISTOWN	KQ4E	444.975	+	T	
MOUNTAIN CITY	K4DHT	443.925	+	T103.5	☺
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	T156.7	☺
MT PLEASANT	KG4GCZ	443.175	+	107.2	
MURFREESBORO	KD4TZZ	441.875	+	107.2	☺
NASHVILLE	AF4TZ	421.250	+		☺
#NASHVILLE	WB4PUB	443.050	+	UNCOR	
NASHVILLE	W1ARN	443.725	+	T107.2	☺
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	AF4TZ	444.150	+	T107.2	☺
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T114.8	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	
NASHVILLE	WA4BGK	444.525	+	T107.2	
NASHVILLE	WA4PCD	444.550	+		
NASHVILLE	WA4WCK	444.575	+	T	
NASHVILLE	WA4TOA	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	
NASHVILLE	WA4AKM	444.975	+	T107.2	
NOLENSVILLE	WA4AXH	443.650	+	T	
OAK RIDGE	K4EAJ	444.400	+	T82.5	☺
OAKFIELD	WA4BJY	442.200	+	T	
ONEIDA	KT4PN	442.825	+		
PARIS	KC4YLL	442.950	+	123.0	
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T156.7	
PROSPECT	WA4AUX	444.600	+	T118.8	
PULASKI	WD4RBJ	442.150	+	118.8	
RAMER	WB4MMI	444.900	+	T	☺
RCKWOOD/OZONE	WJ9J	442.225	+		☺
ROCKWOOD	KA4WJS	443.975	+		
ROGERSVILLE	K4GX	443.350	+	T	
SELMER	KA4BNI	442.800	+	PROP	☺
SEVIERVILLE	KD4IBW	443.675	+	T100.0	
SEVIERVILLE	N4CKB	444.725	+	T123.0	☺
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		☺
SPARTA	KR4BT	444.375	+	123.0	☺
SPENCER	KA4MHJ	443.775	+	123.0	☺
SPRINGFIELD	N8ITF	442.600	+	107.2	
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
SWEETWATER	KG4KIJ	443.725	+	PROP	
TRI-CITIES	KD4PBC	443.150	+	PROP	
WATERTOWN	W4LYR	444.900	+	T100.0	☺
WAVERLY	NO4Q	442.225	+	110.9	
WHITE HOUSE	W4KOC	443.900	+	T107.2	
WHITE OAK MT	WD4OAR	442.925	+	100.0	☺

920 MHZ

LEWISBURG	KF4TNP	920.500	-	
MORRISTOWN	KQ4E	920.800	-	
NASHVILLE	K4ZGA	923.250	-	

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-	
MEMPHIS	N4HKS	1292.000	-	
NASHVILLE	WA4AKM	1284.400	-	
NASHVILLE	KD4EEW	439.250	+	
SMITHVILLE	WA4AKM	1286.500	-	

10 METERS

FANCY GAP	KE4QOX	29.660	-	T123.0 ☺
NEWPORT NEWS	W4CM	29.600	+	
STERLING PARK	KD4DN	29.680	-	

6 METERS

ALEXANDRIA	W4HFH	53.130	-	
AMELIA	WB3R	53.390	-	
BALD TOP MT	AD4CG	53.910	-	
BEDFORD/THNDR	N4TZE	53.770	-	PROP
BEDFRD/THAX MT	N4CH	53.150	-	☺
BLUEFIELD	N8RIG	53.370	-	PROP
BULLRUN	K8GP	53.450	-	
CHESTERFIELD	KD4SUU	53.430	-	
DANVILLE(DCC)	WB4GJG	53.130	-	T
FANCY GAP	WA4CQK	53.290	-	T100.0 ☺

VIRGINIA

GATE CITY	N4WWB	53.210	-	
GUM SPRING	KB4MIC	53.070	-	203.5 ☺
HAMPTON	WA4OHX	53.890	-	
LEXNGTN/ROCK MT.	KI4ZR	53.010	-	☺
LYNCHBURG	KE4KEH	53.570	-	103.5 ☺
MCCLEAN	K6LEW	53.370	-	
NEWPORT NEWS	KT4QW	53.250	-	T ☺
PEARISBURG	KE4JYN	53.470	-	T107.2 ☺
RICE	KE4SFU	53.170	-	☺
ROANOKE	N4CH	53.250	-	☺
ROANOKE/POOR MT	WB8BON	53.090	-	☺
ROCKY MT/FERRUM	WD4KZK	53.270	-	T107.2 ☺
VESTA	N4GBO	53.430	-	PROP
WHITE TOP MTN	KB4YFV	53.650	-	

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue!

VIRGINIA REPEATERS CONTINUE

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610	-		
ABINGDON	NM4L	147.345	+	T103.5	☺
ACCOMAC	K4BW	147.255	+	T156.7	☺
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	W4HFH	147.315	+		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-		
AMHERST	K4CQ	145.490	-	T136.5	☺
ARLINGTON	WB4MJF	145.150	-		
ARLINGTON	WB4MJF	145.470	-		
ARLINGTON	KF4JPC	146.625	-		
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		☺
BEDFRD/APL ORCH	WA1ZMS	146.685	-	T100.0	☺
BIG "A" MTN	KD4TC	146.805	+	T103.5	☺
BLACKSBURG	W9KIC	146.715	-		☺
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	
BLUEFIELD	W8MOP	145.490	-		
BLUEFIELD/ONEIDA	WZ8E	146.955	-	100.0	
BLUEMONT	WA4TSC	147.300	+		
BOYDTON	KD4ZTK	147.240	+		
CARBO	KK4MW	147.075	-	PROP	
CHARLOTTESVILLE	WA4TFZ	146.760	-	T151.4	☺
CHARLOTTESVILLE	WA4TFZ	146.925	-	T151.4	☺
CHESAPEAKE	W4CAR	146.610	-		☺
CHESAPEAKE	N4SD	146.790	-		
CHESAPEAKE	W4CAR	146.820	-	T162.2	☺
CHESTERFIELD	KD4KWP	145.310	-		☺
CHESTERFIELD	KA4CBB	147.360	+		☺
CLINCHCO	KB4RFN	147.150	+	T88.5	
#CLINCHCO	WD4CYZ	147.255	+	UNCOR	
COEBURN	AD4OV	145.430	-	103.5	☺
COLONIAL HEIGHTS	KE4EUE	145.390	-	PROP	☺
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AF4CY	145.410	-		
CULPEPER	W4CUL	147.120	+		
DANVILE/WHT OAK	K4AU	146.700	-	107.2	☺
DANVILLE(DCC)	WB4GJG	146.925	-	T107.2	
DUBLIN	W4CBM	146.670	-		
DULLES AIRPORT	W4DLS	145.310	-		
EASTVILLE	KC4KMY	147.345	+	T156.7	☺
ELK CRK/IRON MT	N4MGQ	147.240	+	T107.2	
ENON	WB4VWR	147.060	+	T107.2	
FAIRFAX	K4KXK	146.790	-		
FANCY GAP	NC4BL	146.970	-	T100.0	☺
FARMVILLE	KE4ZBH	145.330	-		
FARMVILLE	KE4ZBH	146.910	-		
FARMVILLE	N4CFA	146.955	-	T136.5	☺
FINCASTLE	W4WIC	146.640	-		☺
FOREST	AG4AN	146.775	-	PROP	
FRANKLIN	W4LG	147.300	+	T131.8	
FREDERICKSBUR	K4TS	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GARRISONVILLE	N4NW	145.270	-		
GATE CITY	N4WWB	146.820	-	T	
GLOUCESTER	W4HZL	145.370	-	T	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+		☺
HAMPTON	WA4OHX	145.490	-		
HAMPTON	W4QR	146.730	-		
HAMPTON	KA4VXR	147.225	+	T136.5	
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
HIGH KNOB MT	K4QZJ	145.210	-		
JARRATT I-95	K4SVA	146.625	-	T100.0	☺
KILMARNOCK	W4GSF	146.835	-	PROP	☺
KINGS CROSSING	N5GQD	147.150	+		
LEXINGTON	KI4ZR	147.300	+	131.8	☺
LEXNGTN/ROCK MT	KI4ZR	147.330	+		☺
LURAY	KE4JSV	147.030	+		
LYNCHBURG	KC4RBA	145.370	-	186.2	☺
LYNCHBURG	W4WWQ	146.610	-	136.5	☺
LYNCHBURG	AB4M	147.015	-	T131.8	
LYNCHBURG	WA4RTS	147.195	+	T136.5	☺
MANASSAS	W4OVH	146.970	-		
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	☺
MCLEAN	W4CIA	147.210	+		
MECHANICSVILLE	W4TTL	146.805	-	PROP	
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	T	☺
MOUNTAIN LAKE	WZ8E	146.865	+	110.9	
MT.LAKE/BALD KNB	K4TUE	146.910	-	107.2	☺
NASA LANGLEY	KG4NJA	146.670	-	173.8	
NEWMARKET	W3MMC	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	136.5	
NORFOLK	W4VB	145.330	-		☺
NORFOLK	KF8PT	146.700	-	PROP	
NORFOLK	AD4ZK	147.075	+		
NORTON	KF4VDF	146.865	-	T103.5	☺
NORTON/HIGH KNB	K4AXO	147.015	-	T88.5	
PAGECO	KD4DDI	146.670	-		
PATRICK SPRINGS	WG8S	147.120	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PEARISBURG	W4NRV	147.375	+	T100.0	☺
PETERSBURG	KE4SCS	146.985	-	T127.3	☺
PETERSBURG	K4ARO	147.390	+		
PKS KB/PULASKI	N4NRV	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	145.390	-	PROP	
PORTSMOUTH	W4POX	146.850	-		☺
QUANTICO	#W4NFR	147.345	+		
RADFORD/RINER	N3ZE	145.150	-		☺
RICHMOND	K4YPE	145.110	-		☺
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		
RICHMOND	W4RAT	146.880	-		
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	
ROANOKE	N2EDE	145.210	-	107.2	☺
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	☺
ROANOKE/POOR MT	W4CA	146.985	-		
ROANOKE/POOR MT	KB4QWO	147.270	+		
RUSTBURG	N4UTN	145.290	-	T	☺
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	☺
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	WT4RA	147.195	+	T100.0	☺
SOUTH BOSTON	KF4LWH	145.350	-		
SOUTH BOSTON	KF4AGO	147.060	-		
SOUTH HILL	N4ZCM	145.470	-		
SPOTSYLVANIA	K4MQF	146.775	-		
STAUNTON	KD4KAU	145.450	-	T131.8	
STAUNTON	KD4WWF	146.700	-	T131.8	
STAUNTON	WA4ZBP	146.850	-	T131.8	
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL.KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.700	-		
STUARTS DRAFT	KB4OLM	147.360	+		
SUFFOLK	W4LG	147.000	-	T100.0	
TYSONS CORNER	KF4QQP	146.910	-		
VIENNA	K4HTA	146.685	-		
VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
WALKERTON	W4TTL	146.715	-		
WARRENTON	KB3BOI	145.350	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		☺
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-	127.3	
WILLIAMSBURG	K4RC	146.670	-	T	
WILLIAMSBURG	KB4ZIN	146.760	-		☺
WILLIAMSBURG	KB4ZIN	147.105	+		☺
WINCHESTER	KB3BOI	145.350	-		
WINCHESTER	W4RKC	146.820	-		
WOODBRIDGE	W4IY	147.240	+		
WYTH/WALKER MT	WB3T	146.895	-	T103.5	☺
WYTHEVILLE	WB3T	146.775	-	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060	-		
ARLINGTON	WB4MWF	224.620	-		
BEDFORD	N4PLV	224.840	-		
BEDFRD/APL ORCH	WA1ZMS	224.180	-	T100.0	☺
BELL KNOB	WD4KHP	224.440	-		
BERRYVILLE	WD4KHP	224.400	-		
BERRYVILLE	WD4KHP	224.740	-		
BLUEFIELD	N8FWL	224.440	-	PROP	
BLUEFIELD	WA8O	224.920	-		
BLUEMTN	KF4VED	224.160	-		
CHARLOTTESVILLE	N4HRV	224.140	-	T88.5	☺
CHARLOTTESVILLE	WA4TFZ	224.760	-		☺
CHESAPEAKE	W4LG	224.980	-	PROP	
DELTAVILLE	AA4HQ	224.900	-		☺
FAIRFAX	WB4YHD	224.100	-		
FANCY GAP	K4DQ	224.880	-	T100.0	☺
GLOUCESTER	W4GSF	224.620	-		☺
HAMPDEN-SYDNEY	W4JAS	224.200	-		
HAMPTON	WB4PVT	224.540	-	T100.0	
HARRISONBURG	N4YET	224.820	-		
HAYMARKET	WD4KHP	224.420	-		
HAYMARKET	WD4KHP	224.720	-		
LAKE GASTON	W4LG	224.600	-		
LEESBURG	N0NW	224.020	-		
LOVETTSVILLE	WB4FUJ	224.460	-		
LURAY	KE4JSV	224.360	-		
LYNCHBURG	AB4M	224.280	-		
MANASSAS	W4OVH	224.660	-		
MARTINSVILLE	K4RCA	224.500	-		
NORFOLK	KC4JGC	224.740	-	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420	-		
PATRICK SPRINGS	WG8S	224.420	-	T103.5	☺
PEARISBURG	KQ4Q	224.860	-	107.2	
PETERSBURG	K4ARO	224.700	-		
RIDGEWAY	WS4W	224.380	-	T	
ROANOKE	N4CH	224.100	-		☺
ROANOKE/CAHAS MT	AB4EM	224.940	-		
ROANOKE/TINKER	K4YDG	224.900	-		☺
STAUNTON/EL KNOB	KE4CKJ	224.300	-	T131.8	☺
TYSONS CORNER	KM4OI	224.340	-		
TYSONS CORNER	WD4KHP	224.420	-		
WAYNESBORO	KA4RCL	224.680	-	T131.8	
WINCHESTER	N3HXT	224.220	-		
WOODBRIDGE	W4IY	224.780	-		
WYTHEVILLE	K4YW	224.560	-	T77.0	☺

440 MHZ

ABINGDON	KB8KSP	442.975	+	T100.0	
ABINGDON	WB3T	444.025	+	PROP	☺
ACCOMACK	K4BW	444.300	+	T156.7	☺
ALTAVISTA	WA4ISI	444.425	+	100.0	☺
AMELIA	KB4YKV	443.200	+		
ARLINGTON	KD4DSX	448.625	-		
ARLINGTON	W8HNT	449.325	-		
ARLINGTON	WB4MJF	444.150	+		
ARLINGTON	K4AF	444.550	+		
BASSETT	KF4RMT	442.725	+	T	
BEDFORD	N4CH	444.350	+		☺
BEDFRD/APL ORCH	WA1ZMS	442.650	+	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800	+	T100.0	☺
BELL KNOB	WD4KHP	449.825	-		
BENT MT	K4YD	443.675	+	T107.2	
BERRYVILLE	WB2KPH	447.475	-		
BIG A MTN	KB4WTP	444.875	+		☺
BLUEFIELD	W8MOP	442.450	+	PROP	
BLUEFIELD	W8MOP	444.450	+		☺
BLUEFIELD	WZ8E	444.625	+		
BLUEMONT	WA4TSC	449.925	-		
BLUEMONT	WA4TSC	449.925	-		
BULL RUN MT	WA3KOK	447.775	-		
CHARLOTTESVILLE	KF4UCI	442.075	+	151.4	☺
CHARLOTTESVILLE	WA4TFZ	444.250	+	T151.4	☺
#CHARLOTTEVILLE	KF4UCI	444.775	+	UNCOR	
CHESAPEAKE	W4CAR	444.000	+	T162.2	☺
CHESTERFIELD	WA3KOK	443.075	+	PROP	
CHESTERFIELD	KA4CBB	442.150	+		☺
CHESTERFIELD	WA3KOK	442.450	+	PROP	
COPPER RIDGE	KB4WTP	444.550	+	PROP	☺
COVINGTON	WA4PGI	442.250	+	T100.0	☺
DALE CITY	N8BOR	443.100	+		
DANVILE/WHT OAK	K4AU	444.700	+		☺
DANVILLE	KQ4I	443.850	+		☺
DISMAL PEAK	WB3T	443.325	+	T103.5	☺
ENON	WB4VWR	444.200	+		
ENON	W4RDF	444.275	+	T114.8	
FAIRFAX	K4HTA	448.375	-		
FAIRFAX	WD4KHP	449.775	-		
FALLS CHURCH	WB4UNB	447.425	-		
FALLSCHURCH	KF4LWJ	444.300	+		
FANCY GAP	WD4ICX	433.200	+		
FANCY GAP	WB3T	444.050	+	T103.5	☺
FANCY GAP	N4OWU	444.375	+	T107.2	☺
FANCY GAP	WA4CQK	444.900	+	PROP	☺
FANCY GAP	KD4FWS	444.925	+	100.0	
FOREST	AG4AN	442.475	+	PROP	
FOREST	W8CXD	443.600	+	T136.5	
FOREST	WD4KQI	444.750	+		☺
FRONT ROYAL	N4MKH	449.225	-		
GASBURG	W4LG	442.000	+		
GATE CITY	N4WWB	444.700	+		
GLOUCESTER	N4XND	421.250	+		
GRETNA/SMITH MT	KD4TBC	444.075	+	T123.0	
GUM SPRING	KB4MIC	442.800	+		☺
HAMPTON	WA4OHX	443.750	+	100.0	
HAMPTON	W4QR	444.550	+	T167.9	
HARRISONBURG	N4YET	444.600	+		
HAYMARKET	KT4ER	448.325	-		
HAYMARKET	N3AUY	449.025	-		
HERNDON	N4LXI	443.000	+		
HIGHKNOB	N1TXI	447.725	-		
HILLSVILLE	KB4YFV	442.125	+	T103.5	
INDEPENDENCE	KF4ZIG	443.375	+	T103.5	☺
JONESVILLE	WB4IVB	442.575	+	T100.0	
LEXINGTON	KI4ZR	444.300	+		☺
LEXNGTN/ROCK MT	KI4ZR	444.150	+		☺
LORTON	WD4KHP	449.725	-		
LYNCHBG/JACK MT	KF4YI	442.400	+	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500	+	T136.5	☺
LYNCHBURG	K4CQ	923.250	-		☺
LYNCHBURG	AB4FU	442.950	+	T	☺
LYNCHBURG	KC4RBA	443.450	+	186.2	☺
LYNCHBURG/T.ROW	N4IFC	442.200	+	T103.5	
MADISON	N8HON	444.400	+		
MANASSAS	W4OVH	442.200	+		
MARION	WB3T	443.125	+	T103.5	☺
MARTINSVILLE	KF4RMT	443.825	+	T107.2	
MEADOWS OF DAN	WG4R	444.250	+	T103.5	☺
NASA LANGLEY	KG4NJA	443.650	+	PROP	
NEWPORT	K4TUE	441.950	+	PROP	
NEWPORT NEWS	W4MT	442.900	+	T100.0	☺
NORFOLK	K4DA	442.950	+	PROP	
NORFOLK	AD4ZK	444.475	+	T127.3	
NORFOLK	WD4MIZ	444.675	+	T107.2	
OILVILLE	KB4MIC	444.800	+		☺
PATRICK SPRINGS	WG8S	443.175	+		☺
PATRICK SPRINGS	KC3FB	443.750	+	T77.0	

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

VIRGINIA REPEATERS CONTINUE

PEARISBURG	N4AZJ	444.975	+	T103.5	☺
PETERSBURG	K4ARO	442.600	+		
PETERSBURG	WB4KZI	443.825	+		
PORTSMOUTH	W4POX	443.800	+		☺
POUND	KF4VDF	444.850	+	T103.5	☺
POWHATAN	KN4YM	443.100	+		
PULASKI	KE4CIF	442.775	+	T	☺
QUANTICO	N3QEM	447.975	-		
RICHMND/CHLTVL	N4EHJ	444.650	+		☺
RICHMOND	WA4AYB	441.600	+	PROP	
RICHMOND	KC4VDZ	442.300	+	T114.8	
RICHMOND	W4RAT	442.550	+	T127.3	
RICHMOND	AB4SF	444.850	+	T	☺
ROANOKE	K4ARO	442.600	+	T	
ROANOKE	W7CP	442.700	+	T	☺
ROANOKE	K4NRW	444.175	+	T103.5	
ROANOKE	WB3T	444.325	+	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750	+	T107.2	☺
ROANOKE/POOR MT	W4CA	442.500	+		
ROANOKE/POOR MT	KA4IXK	442.850	+		
ROANOKE/READ MT	WD4KZK	444.850	+	T107.2	☺
ROANOKE/TINKER M	WB8BON	444.925	+		☺
SILER	WA4RS	449.175	-		
SLINGS GAP	WD4KZK	444.775	+	T107.2	☺
SOUTH BOSTON	KF4AGO	443.925	+		
SOUTH BOSTON	KF4LWH	444.625	+		
SOUTH HILL	KD4MJO	443.525	+	100.0	☺
SPOTSYLVANIA	N2XHZ	447.875	-		
SPOTSYLVANIA	KD4QNA	442.700	+		
SPOTSYLVANIA	K4MQF	442.850	+		
STAFFORD	K4HR	444.450	+		
STAUNTON	WA4ZBP	444.825	+	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100	+	T131.8	☺
STERLING	WA4TXE	442.100	+		
STUARTS DRAFT	KB4OLM	444.050	+		
TYSONS CORNER	KA3RQR	447.025	-		
TYSONS CORNER	KM4FI	443.500	+		
VIENNA	N4KOU	444.850	+		
VIRGINIA BEACH	WA4KXV	444.950	+		☺
WAYNESBORO	N3XA	426.250	+		
WHITETOP MT	KM4X	443.000	+	T103.5	☺
WILLIAMSBURG	N3ELM	443.550	+	T100.0	☺
WILLIAMSBURG	KB4ZIN	444.100	+		☺
WILLIS	W4DUM	443.875	+		
WINCHESTER	W4RKC	448.775	-		
WINCHESTER	W4RKC	448.775	-	146.2	☺
WINCHESTER	W3CSG	442.000	+		
WINTERGREEN	K4CQ	444.550	+	T136.5	☺
WOODBRIDGE	W4IY	444.900	+		
WYTHE/WALKER MT	WB3T	442.000	+	T103.5	☺
WYTHEVILLE	WB3T	442.525	+	103.5	☺

920 MHZ

ALEXANDRIA	WA4CCF	919.600	-		
BEDFRD/APL ORCH	WA1ZMS	921.100	-	T100.0	☺
CULPEPER	KA4DCS	919.400	-		
LYNCHBRG/TOB MT	K4CQ	921.000	-	T100.0	☺
ROANOKE/POOR MT	WD4KZK	919.500	-	107.2	☺
TYSONS CORNER	K6LEW	919.500	-		
WOODBRIDGE	KA4DCS	919.800	-		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600	+		☺

10 METERS

BECKLEY	KA8OTX	29.620	-		
BECKLEY	KE4QOX	29.680	-	T88.5	☺
CHARLESTON	WB8QCV	29.640	-	203.5	
RICHWOOD	WA8YWO	29.660	-	T100.0	

6 METERS

ALDERSON	WV8BD	53.190	-		
BECKLEY	N8FWL	53.170	-	T123.0	
BECKLEY	WB8YST	53.590	-	T107.2	☺
CEREDO	KC8PFI	53.870	-		
CHARLESTON	WB8YST	53.630	-	T107.2	☺
FLATWOODS	N8CQQ	53.110	-	PROP	
GASSAWAY	AB8WB	53.210	-	T123.0	
LEWISBURG	KC8LRN	53.930	-	T131.8	☺
MARMT/CHARLSTN	N8PEI	53.750	-	T141.3	
RICHWOOD	WB8YST	53.710	-	T107.2	☺

WEST VIRGINIA

SHIRLEY	KB8TJH	53.310	-		
SNOWSHOE	KC8CSE	53.330	-	T156.7	

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	T107.2	☺
BECKLEY	KC8AFH	146.700	-	123.0	
BECKLEY	N8FWL	147.360	+	T123.0	
BECKLEY/BOLT MT	WV8B	145.170	-	T100.0	
BECKLEY/EOC	WV8BD	145.370	-		
BECKLEY/FLAT TOP	WV8BD	146.850	-		
BECKLEY/LAYLAND	N8FCJ	145.310	-	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230	-	T100.0	
BERKELEY SPRINGS	KK3L	146.745	-		
BIRCH RIVER	N8FMD	145.270	-	T103.5	
BRIDGEPORT	WB8DKM	147.120	+	T	☺
BUCKHANNON	N8FHE	145.410	-		☺
BUCKHANNON	N8ZAR	146.850	-		
BUCKHANNON	N8ZAR	147.060	+	123.0	
CAPON MT	N8YIB	147.435	-		
CHARLESTON	W8GK	145.350	-	91.5	☺
CHARLESTON	WB8YST	145.430	-	T107.2	☺
CHARLESTON	WB8CQV	146.820	-	T192.8	
CHARLESTOWN	N8EIV	146.985	-		
CLARKSBURG	N8FMD	146.685	-	T103.5	
CLARKSBURG	N8FMD	147.210	+	T103.5	
COWEN	KC8ECX	146.835	-	110.9	
DANVILLE	WB8NAM	146.685	-	T	
DAVIS	KE8MR	147.135	+	T103.5	
ELKINS	WJ8G	145.230	-	T103.5	
ELKINS	KB8BWZ	146.775	-		
FAIRMONT	W8SP	145.350	-	T103.5	
FENWICK	KD8AB	146.940	-		
FLAT TOP/WINTRPL	WV8B	146.625	-	T100.0	
FLATWOODS	N8ZPX	146.655	-	T123.0	☺
FRANKLIN	W3RUA	147.345	+		☺
FROST	N8RV	145.110	-	107.2	☺
GASSAWAY	WB8MZI	146.610	-		☺
#GASSAWAY	AB8WB	147.240	+	UNCOR	
GLENVILLE	N8OYY	145.130	-		☺
GLENVILLE	WB8WV	145.290	-		☺
GRAFTON	WD8LNB	147.375	+	118.8	☺
HARISVL/PENSBRO	WB8NSL	147.300	+	T100.0	
HARPER'SFERRY	KB3BOI	145.350	-		
HINTON	KC8CNL	147.255	+	100.0	☺
HUNTINGTON	WB8FEQ	145.210	-	162.2	
HUNTINGTON	W8VA	146.760	-	T131.8	☺
HUNTINGTON/CHAS	N8HZ	146.640	-		☺
IAEGER	N8SNW	146.655	-	T203.5	
KEYSER	N8RCG	147.390	+	123.0	☺
#LENORE	KF8HL	145.390	-	UNCOR	
LEON	WD8OHX	147.180	+		
LEWISBURG	WB8SPW	146.730	-	T100.0	
LEWISBURG	N4RAG	146.760	-	T131.8	
LEWISBURG	WV8D	147.390	+	T100.0	
LOGAN SOUTH	NV8H	147.195	+	100.0	
LOGAN/SUMERCO	NU8K	147.345	+		
LOGAN/WRD RK MT	KJ8E	146.970	-		
MADISON	WB8NAM	147.120	+	T	
MARLINTON	N4RAG	147.090	+	131.8	
MARTINSBURG	WA8FSE	145.150	-		
MARTINSBURG	WB8YZV	147.255	+		
MARTINSBURG	K3MAD	147.345	+		
MCMECHEN	N8BQ	146.910	-		☺
MIDDLEBOURNE	WV8TC	147.360	+	T110.9	☺
MOOREFIELD	KD4SZR	145.190	-		
MORGANTOWN	K8LG	145.430	-		
MORGANTOWN	W8CUL	146.760	-		
MORGANTOWN	KE8MR	147.075	+	T103.5	
MT. ZION	N8LGY	145.450	-	T107.2	☺
MULLENS	KC8IT	147.030	+		
NEW MARTINSVILE	KF8LL	146.985	-		
OAK HILL	NM8T	146.790	-		☺
PARKERSBURG	WV8G	145.490	-		
PARKERSBURG	WC8EC	147.255	+		☺
PARKERSBURG	WD8CYV	147.390	+	T141.3	
PARKERSBURG (OH)	N8NBL	146.970	-		
PARSONS	K8VNQ	145.370	-	T118.8	☺
PHILIPPI	K8VE	145.150	-	103.5	☺
PINEVILLE	W8LG	147.285	+		
PRINCETON	KA8PNC	147.060	-		☺
PRINCETON	WB8NRK	147.225	+	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925	-		
RAVENSWOOD	WD8JNU	146.670	-		☺
RED HOUSE	WV8AR	145.410	-	T123.0	☺
RICHWOOD	WB8YJJ	145.190	-	T	
RICHWOOD	AA8TH	147.015	+	T	
RICHWOOD	KB8YDG	147.150	+	T100.0	
ROCKPORT	KC8TLG	147.135	+	T123.0	
SALT ROCK	K8SA	145.110	-	T110.9	
SCOTT DEPOT	WV8AR	147.270	+	123.0	☺
SHIRLEY	KB8TJH	145.310	-	T	
SKYLINE	K7SOB	147.360	+	T127.3	
SMITHERS	NM8T	147.075	-		☺
SO. CHARLESTON	WB8CQV	146.880	-	203.5	
SPENCER	KA8AUW	147.105	+	100.0	☺
SPRUCE KNOB	N8HON	147.285	+		☺
ST.MARYS/BENS RG	WB8ECC	147.030	+		
TERRA ALTA	KD8ZR	147.000	+	T	☺
UNION	W8IFL	145.410	-		
WEIRTON	W8CWO	146.940	-		
WELCH	K8KRS	145.450	-		☺
WESTON	WD8EOM	145.390	-		
WESTON	KA8TCF	147.165	+		
WHEELING	KA8YEZ	145.190	-	156.7	
WHEELING	W8ZQ	146.760	-		☺
WILLIAMSON	WR8M	145.330	-	T100.0	

220 MHZ

ANSTED	N8FWL	224.840	-	123.0	
BECKLEY	N8FWL	224.240	-	T123.0	
BECKLEY - SOUTH	N8FWL	224.740	-	PROP	
BECKLEY - WEST	N8FWL	224.540	-	123.0	
BECKLEY/OAK HILL	N8FWL	224.340	-	T123.0	
BERKELEY SPRINGS	KA3VLG	224.700	-		
CHARLESTON	WB8YST	224.360	-	107.2	☺
CHARLESTON	WS8L	224.700	-	T123.0	☺
FLAT TOP/WINTRPL	WV8B	224.120	-	100.0	
GREENBANK	KC8CSE	224.560	-	PROP	
HILLSBORO	KC8LRN	224.220	-	T131.8	☺
HINTON/BECKLEY	N8FWL	224.640	-		
#LEON	WD8OHX	223.780	-	UNCOR	
LEWISBURG	KC8LRN	224.800	-	T131.8	☺
SLATY FORK	KC8LRN	224.720	-	91.5	☺
SUTTON	W8COX	224.400	-	PROP	
WILLIAMSON	WR8M	224.140	-		

440 MHZ

ALDERSON/SAM BLK	N8LVE	444.400	+	T100.0	
BECKLEY	N8FWL	443.050	+	T123.0	
BECKLEY	N8LVE	444.125	+	T	
BECKLEY/BOLT	W8LG	443.225	+		
BECKLEY/OAK HILL	WV8B	444.800	+	100.0	
BECKLY/OAK HILL	KE4QOX	443.100	+	T107.2	☺
BELINGTON	N8SCS	444.900	+	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450	+		
BLUEFIELD	WZ8E	443.625	+	100.0	
BUCKHANNON	N8ZAR	444.250	+		
CEREDO	KC8PFI	443.600	+		
CHARLESTON	KB8QKM	442.925	+	71.9	
CHARLESTON	WS8L	443.300	+	T123.0	☺
CHARLESTON	WV8AR	444.225	+	T123.0	☺
CHARLESTON	WB8YST	444.350	+	T107.2	☺
CLARKSBURG	N8FMD	444.175	+	T103.5	
DANS MT	N8YIB	145.330	+		
DUNMORE	KC8CSE	444.275	+	123.0	
FAIRMONT	W8SP	443.875	+		
FLATWOODS	N8ZVK	444.200	+		☺
GASSAWAY	AB8WB	444.675	+	T123.0	
GILBERT	KB8PCW	442.725	+	T	
GLENVILLE	KA8ZXP	444.325	+		
HERNSHAW	WB8CQV	444.700	+	203.5	
HUNTINGTON	WA4GSS	421.250	+		
HUNTINGTON	N8HZ	443.000	+		☺
HUNTINGTON	KB8TGK	443.850	+	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850	+	T131.8	
HURRICANE	K8OJC	444.075	+		
KEYSER	N8RCG	444.125	+	103.5	☺
LEWISBURG	KF8FO	444.725	+	T103.5	
LOGAN	KE4QOX	444.900	+	T107.2	☺
MORGANTOWN	K8LG	444.700	+		
MORGANTOWN	W8CUL	444.800	+		
MULLENS	KC8IT	444.000	+		
OAK HILL	KA8OTX	443.800	+		
PARKERSBURG (OH)	N8ILO	444.100	+		
PENNSBORO	WB8NSL	442.850	+	T103.5	
PRINCETON	KB8UJG	443.700	+	T123.0	
RICHWOOD	K8VKB	442.275	+	PROP	
RICHWOOD	KC8SDN	443.375	+	T123.0	
RICHWOOD	KB8YDD	443.475	+		
RICHWOOD	KC8AUY	443.575	+	T	
ROCKPORT	N8LHL	443.750	+	T123.0	
SHIRLEY	KB8TJH	444.425	+	T	
SO. CHARLESTON	WB8CQV	444.950	+	203.5	
ST. ALBANS	K8MHR	443.150	+		
WELCH	N8SNY	443.725	+		☺
WESTON	N8FIP	443.975	+		
WESTON	KA8TCF	444.600	+		
WHEELING	KB8QHO	421.250	+		
WHEELING	KA8YEZ	443.025	+	77.0HZ	

Limited FULL MEMBERS FROM NON-SERA STATES

WHEELING	N8EKT	444.975	+		

6 METERS

CONCORD, NH	KA1OKQ	53.590	-	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225	+	T100.0	☺
DELAND, FL	KD4UTV	147.045	+	T103.5	☺
WINCHESTER, VA	W4RKC	146.820	-		☺

220 MHZ

CONCORD, NH	KA1OKQ	224.800	-	T103.5	☺

440 MHZ

CONCORD, NH	KA1OKQ	448.775	-	T82.5	☺
MADISON, VA	N8HON	444.400	+		☺
MCKINNEY, TX	KF5TU	442.350	+	T100.0	☺
PEMBROKE, NH	KA1OKQ	444.150	+		☺
PETERBORO, NH	KA1OKQ	443.350	+	T110.9	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER INDEX LISTINGS BY FREQUENCY

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

10 METERS

29.6200 / 29.5200
W5PS CHESTER, PA .....156.7 ZZ
29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4XE WILKESBORO ..... NC
WB4IUY ZEBULON ..... NC
W4ZJM MEMPHIS .....* TN
AJ4D TELLICO PLAINS .....141.3 TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
KK4CZ LOUISVILLE ..... KY
KB5MPW BAY SAINT LOUIS .....136.5 MS
KE4QOX HIGH POINT .....103.5 NC
W4CAT GALLATIN/BNA .....107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON .....203.5 WV
29.5600 / 29.6600
WR4MG WARNER ROBINS ..... GA
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
W4GL SUMTER ..... SC
KE4QOX FANCY GAP .....123.0 VA
WA8YWO RICHWOOD .....100.0 WV
29.5800 / 29.6800
AI8H CONYERS ..... GA
N4BZJ DALTON ..... GA
KB0Y VALDOSTA .....141.3 GA
KA4UHL INGLE .....146.2 KY
WW4DC THOMASVILLE .....88.5 NC
N8ITF SPRINGFIELD .....88.5 TN
KD4DN STERLING PARK ..... VA
KE4QOX BECKLEY .....88.5 WV

6 METERS

52.5500 / 51.5500
WB4JEH #CONYERS .....151.4 GA
51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
51.4400 / 51.9400
KC5BMJ KINGSLAND .....82.5 GA
53.0250 / 52.0250
WB4LBR LOUISVILLE ..... KY
52.5250 / 52.5250
WW4DC THOMASVILLE .....88.5 NC
52.0100 / 53.0100
W3LAP COCHRAN .....77.0 GA
WA4YNZ #ROSWELL ..... GA
KC4QK ASHLAND .....107.2 KY
N5EKR ELLISVILLE ..... MS
KE4QOX THOMASVILLE .....88.5 NC
WA4KQG MEMPHIS ..... TN
WA4BGK NASHVILLE .....114.8 TN
KI4ZR LEXNGTN/ROCK MT..... VA
52.0300 / 53.0300
W4WTA AUGUSTA ..... GA
K4ITL RALEIGH ..... NC
KF4FTD MORRISTOWN ..... TN
52.0500 / 53.0500
KC4JNN BISKEY MT. .....100.0 GA
AB5MU NETTLETON .....192.8 MS
N4JEH ROCKY MOUNT ..... NC
WA4BGK GALLATIN .....114.8 TN
52.0700 / 53.0700
WB4AEG CARTERSVILLE .....123.0 GA
KB4PTJ WILLIAMSBURG .....100.0 KY
KD4FWS MT.AIRY/FANCY GP.....100.0 NC
KB4MIC GUM SPRING .....203.5 VA

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

52.0900 / 53.0900
KD4DKW ATL/MARIETTA .....151.4 GA
N4ALG NICHOLASVILLE .....103.5 KY
KF4IXW REELSBORO .....162.2 NC
K4NOC BISHOPVILLE ..... SC
KD4PBC SEVIERVILLE ..... TN
NO4Q WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
W4GR LAWRENCEVILLE .....82.5 GA
KC4YQT GASTONIA ..... NC
KD4BGD LUMBERTON ..... NC
K4SER TARBORO ..... NC
WD4GYN OAK RIDGE ..... TN
N8CQQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
W4FOT HENDERSONVILLE .....100.0 NC
KG4IBW DRESDEN .....107.2 TN
W4HFH ALEXANDRIA ..... VA
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
KA5WZY ATLANTA ..... GA
K4USC UNION ..... SC
WB4IOB KNXVL/ENG MT ..... TN
N5YKR LEXINGTON .....100.0 TN
N8ITF SPRINGFIELD .....107.2 TN
N4CH BEDFRD/THAX MT ..... VA
52.1700 / 53.1700
WW4DC THOMASVILLE .....88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
N8FWL BECKLEY .....123.0 WV
52.1900 / 53.1900
W4BAD RALEIGH ..... NC
KN4AS LITTLE MOUNTAIN .....156.7 SC
WA4UCE COOKEVILLE ..... TN
WV8BD ALDERSON ..... WV
52.2100 / 53.2100
N1KDO MARIETTA .....79.7 GA
N4QLX SAURATOWN MT ..... NC
AD4U ORANGEBURG ..... SC
N4WWB GATE CITY ..... VA
AB8WB GASSAWAY .....123.0 WV
52.2300 / 53.2300
KD4JFN PITTSBORO .....107.2 NC
KA4ZKL GUTHRIE (TN/KY) ..... TN
KQ4E MORRISTOWN ..... TN

KF4BMG MARIETTA .....79.7 GA
KI4D ROCK HILL .....123.0 SC
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS ..... VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KC4CBQ HIAWASSEE .....186.2 GA
KA4UHL NANCY .....100.0 KY
WD4BQW ASHEVILLE ..... NC
N5CWH LEESVILLE .....162.2 SC
WD4KZK ROCKY MT/FERRUM .....107.2 VA
52.2900 / 53.2900
K4PLM #PINE LOG MT. .....198.2 GA
KF4UAQ LOUISVILLE ..... KY
KF4SXO CHESTER ..... SC
WA4CQK FANCY GAP .....100.0 VA
52.3100 / 53.3100
K4SER WILLIAMSTON ..... NC
KG4BZN WALTERBORO .....123.0 SC
KD4SQB ROAN MTN ..... TN
KB8TJH BERKLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD .....88.5 GA
AD4CC HIGHLAND HEIGHTS .....123.0 KY
W4TLP CLINTON ..... NC
AB4JJ W. JEFFERSON .....100.0 NC
KC8CSE SNOWSHOE .....156.7 WV
52.3500 / 53.3500
WR4AMS DORTON ..... KY
WR4BEG SOPHIA/RANDLEMAN..... NC
W4VCM CHATTANOOGA ..... TN
52.3700 / 53.3700
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
N8RIG BLUEFIELD ..... VA
K6LEW MCCLEAN ..... VA
52.3900 / 53.3900
KA4UFM DECATUR ..... GA
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG .....100.0 KY
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND .....107.2 NC
KO4MZ GVL/CSR'S HEAD .....131.8 SC
52.4300 / 53.4300
KR4OL BOLINGBROKE ..... GA
N7BBW LOUISVILLE .....151.4 KY
AD4DN WILMINGTON .....88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
N4GBQ VISTA .....107.2 VA
52.4500 / 53.4500
WD4OVN #PINE LOG MT ..... GA
KC5PIA LAUREL ..... MS
W4UNC CHAPEL HILL .....107.2 NC
NQ4Y MONTEAGLE MTN .....114.8 TN
K8GP BULLRUN ..... VA
52.4700 / 53.4700
W5PFC JACKSON .....77.0 MS
KE4JYN PEARISBURG .....107.2 VA
52.5500 / 53.5500
WB4JEH CONYERS .....151.4 GA
N4OQJ KNOXVILLE .....100.0 TN

K4RDK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE .....123.0 GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG .....103.5 VA
52.5900 / 53.5900
KF4QDS KVILLE/HIPOINT .....103.5 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY .....107.2 WV
KA1OKQ CONCORD, NH .....71.9 ZZ
52.6300 / 53.6300
AB4JJ MT MITCHELL .....100.0 NC
WB8YST CHARLESTON .....107.2 WV
51.1400 / 53.6500
KB5MPW BAY SAINT LOUIS .....136.5 MS
52.6500 / 53.6500
KB4YFV WHITE TOP MTN ..... VA
51.2000 / 53.7100
KE4OVN DRESDEN .....107.2 TN
52.7100 / 53.7100
WB8YST RICHWOOD .....107.2 WV
51.2200 / 53.7300
K4YC IVEY/MACON .....88.5 GA
52.7300 / 53.7300
K4XYZ BUCKHORN LAKE .....100.0 KY
WD4OAR GEORGETOWN .....192.8 TN
52.7500 / 53.7500
W4YWH HIGHLAND HEIGHTS .....123.0 KY
WA4PXV AIR BELLOWS GAP ..... NC
W4BAD DURHAM ..... NC
K4GX #ROGERSVILLE .....114.8 TN
N8PEI HARMT/CHARLSTN .....141.3 WV
52.7700 / 53.7700
W4GL SUMTER ..... SC
W4BBB KNOXVILLE .....1000. TN
N4TZE BEDFORD/THNDR .....173.8 VA
52.7900 / 53.7900
WR4MG WARNER ROBINS ..... GA
WA4NC BOONE .....100.0 NC
52.8100 / 53.8100
WD4KNE #STANTON ..... KY
WA4EBM #FAYETTEVILLE ..... NC
52.8500 / 53.8500
K4TDO HAZARD ..... KY
52.8700 / 53.8700
KC8PFI CEREDO ..... WV
52.8900 / 53.8900
KB0Y LAKE PARK .....141.3 GA
WB4HJG LULA .....82.5 GA
WA4OHX HAMPTON ..... VA
52.9100 / 53.9100
KE4ZJT LONDON .....100.0 KY
AD4CG BALD TOP MT ..... VA
52.9300 / 53.9300
W4GMM MEMPHIS .....107.2 TN
KC8LRN LEWISBURG .....131.8 WV
52.9500 / 53.9500
WB4WSB LAGRANGE ..... KY
52.9700 / 53.9700
N4DAJ MT. AIRY .....100.0 NC
52.5250 / 145.2100
N4ARK NASHVILLE ..... TN

2 METERS

144.6100 / 52.5250
N4ARK NASHVILLE ..... TN
144.5100 / 145.1100
KK4HL AUGUSTA ..... GA
N4MXC COCHRAN .....107.2 GA
KR4HV DOUGLASVILLE .....88.5 GA
KC4UPE LEESBURG .....192.8 KY
KD5AXY FLORENCE ..... MS
W5WJ VANCLEAVE .....123.0 MS
W4PCN KILL DEVIL HILLS .....131.8 NC
N4GSM ROBBINSVILLE .....151.4 NC
KD4MYE YOUNGSVILLE .....88.5 NC
WZ4SC FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
NQ4Y COOKEVILLE ..... TN
WM4T GRAY ..... TN
KF4OID MOSCOW .....107.2 TN
N4ARK NASHVL/FAIRVIEW .....151.4 TN
K4YPE RICHMOND ..... VA
N8RV FROST .....107.2 WV
K8SA SALT ROCK .....110.9 WV
144.5300 / 145.1300
K4SEX BGMRC/NEWMAN ..... GA
WR4SG VALDOSTA .....141.3 GA
N4UL LOUISVILLE AREA .....151.4 KY
KJ4VF MOREHEAD .....100.0 KY
WB4YNF AHOSKIE ..... NC
N4VL MT. AIRY .....103.5 NC
W4RNC RALEIGH .....88.5 NC
W4JAK GREENWOOD ..... SC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
KA4OAK LAFOLLETTE ..... TN
KF4ATY MEMPHIS .....107.2 TN
KC4WPS NASHVILLE .....114.8 TN
N4YET HARRISONBURG ..... VA
N8OYY GLENVILLE ..... WV
144.5500 / 145.1500
K4TWG BACONTON ..... GA
W4AQL GA TECH .....167.9 GA
K4YC IVEY/MACON .....77.0 GA
KG4CCW LOUISVILLE .....141.3 KY
KY4JW MONTICELLO ..... KY
AD4BI PIKEVILLE .....107.2 KY
KE5LT #PICAYUNE ..... MS
K2IMO ELM CITY .....88.5 NC
W4GSO GREENSBORO .....100.0 NC
K4OBX HATTERAS ISLAND .....131.8 NC

W4NHV #LUMBERTON ..... NC
N4LWY SUMMERTON ..... SC
K4USC UNION ..... SC
KG4FZR ATHENS .....141.3 TN
W4XS FRANKLIN ..... TN
K0JXI MEMPHIS ..... TN
WB4MJF ARLINGTON ..... VA
K4ARO GREENBAY ..... VA
N3ZE RADFORD/RINER ..... VA
WA8FSE MARTINSBURG ..... WV
K8VE PHILIPPI .....103.5 WV
144.5700 / 145.1700
WA4DIW JONESBORO ..... GA
W8PRH HALLS GAP ..... KY
K4CCR ANDSN MT/DENVER .....88.5 NC
N4NCK OXFORD ..... NC
N4CTJ WILMINGTON .....88.5 NC
KY4S AIKEN ..... SC
K4NOC BISHOPVILLE .....123.0 SC
WF4Q BRUCETON .....107.2 TN
WB4GBI KNOXVILLE ..... TN
WB4LHO MURFREESBORO ..... TN
WA4ZUA NORFOLK .....136.5 VA
WV8B BECKLEY/BOLT MT .....100.0 WV
144.5900 / 145.1900
WA4EQL JESUP ..... GA
WB4ULJ PINE MT/HAMILTON ..... GA
KB4SQI SALYERSVILLE .....127.3 KY
K5YD BOONEVILLE .....110.9 MS
W5CJR HATTIESBURG .....136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BWW MT MITCHELL ..... NC
K4GWH RALEIGH .....156.7 NC
N4OTT CARTHAGE ..... TN
KD4XV JASPER .....127.3 TN
WB3R AMELIA ..... VA
KD4SZR MOOREFIELD ..... WV
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING .....156.7 WV
144.6100 / 145.2100
KC4RRO EASTMAN ..... GA
WA4EPK FAYETVILLE .....131.8 GA
W8PRH LEXINGTN/GRGTWN ..... KY
KB5IKR MENDENHALL .....100.0 MS
K4OLC HIGH PEAK MTN .....94.8 NC
WB4TQD TRENTON ..... NC
KG4LAP SMOAKS ..... SC
W2GLJ GERMANTOWN ..... TN
W4BBB KNOXVILLE/RACK .....100.0 TN
N4ARK NASHVILLE ..... TN
K4QZJ HIGH KNOB MT ..... VA
N2EDE ROANOKE .....107.2 VA
WB8FEQ HUNTINGTON .....162.2 WV
144.6300 / 145.2300
WB4JEH CONYERS .....151.4 GA
WR4SG CORDELE .....141.3 GA
W4DRC DALTON ..... GA
K4BR WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
W4KBL PRINCETON .....103.5 KY
KG4GQC WEST LIBERTY .....107.2 KY
KC5VZI #NEW ALBANY ..... MS
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL .....107.2 NC
W4BFB CHARLOTTE ..... NC
KG4AQH GREELEYVILLE ..... SC
W4CAT LAVERNE ..... TN
KB4KIE MAYNARDVILLE ..... TN
KE4NTL RIPLEY .....100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS .....100.0 VA
N8FWL BECKLEY/OAK HILL .....100.3 WV
WJ8G ELKINS .....103.5 WV
144.6500 / 145.2500
N4YYD CHATSWORTH .....71.9 GA
K4YC IVEY ..... GA
AD4YJ LEXINGTON .....110.9 KY
W4GG GREENSBORO .....88.5 NC
WA4USN CHARLESTON .....123.0 SC
WA4UKX SIMPSONVILLE .....123.0 SC
KT4WS DOVER .....100.0 TN
N4WXS ERWIN/PINNACLE ..... TN
N4ER MEMPHIS .....146.2 TN
KD8XK BLUEFIELD .....100.0 VA
KQ4RH MONTPELIER ..... VA
144.6700 / 145.2700
KT4X SANDERSVILLE .....77.0 GA
KB4GDS WALESKA/PNLG MT .....100.0 GA
N4KJU PAINTSVILLE ..... KY
KD4BOH ROCKPORT .....77.0 KY
N5NBG WALLS .....162.2 MS
KB5DZJ WIGGINS .....136.5 MS
K4ROK FARMVILLE .....131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
N7GZT COLUMBIA .....162.2 SC
KD4CLA PIGEON FORGE .....100.0 TN
N4NW GARRISONVILLE ..... VA
N8FMD BIRCH RIVER .....103.5 WV
144.6900 / 145.2900
W4IBM ATLANTA .....88.5 GA
W4DV AUGUSTA .....100.0 GA
WR4MG PERRY .....107.2 GA
AC2DC LOUISVILLE .....151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
WN3X COINJOCK .....131.8 NC
NC4AR HIGH POINT .....88.5 NC
WA4WPD NASHVILLE .....107.2 NC
W4GS MYRTLE BEACH .....85.4 SC
KU4ZS PUMPKINTOWN .....123.0 SC
W4AM CHATTANOOGA .....118.8 TN
KF4ZQA ELIZTON/HOLS MT .....100.0 TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

K4DXC RIDGETOP .....114.8 TN
WF4Q SHILOH .....107.2 TN
N4UTN RUSTBURG ..... VA
WB8WV GLENVILLE ..... WV

144.7100 / 145.3100

W4FIZ COLUMBUS .....123.0 GA
KB4JF NASHVILLE .....141.3 GA
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
WB5GOJ CHATAWA ..... MS
KC4WPM BAKERSVILLE ..... NC
N4LEX LEXINGTON .....88.5 NC
N4WFU #ROANOKE RAPIDS .....131.8 NC
K4ITL ROSEBORO ..... NC
W4IAR BEAUFORT ..... SC
W4CHR CHESTER ..... SC
WA4PNI ATHENS .....141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE .....151.4 TN
KD4KWP CHESTERFIELD ..... VA
W4DLS DULLES AIRPORT ..... VA
N8FCJ BECKLEY/LAYLAND .....100.0 WV
KB8TJH SHIRLEY ..... WV

144.7300 / 145.3300

KF4ODQ EASTMAN .....77.0 GA
WA4OGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND .....131.8 GA
KF4INN VERSAILLES ..... KY
K5DMC KILN ..... MS
KI4RK GOLDSBORO .....100.0 NC
N4VRD MOUNT AIRY .....100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WT4E COLLIERVILLE .....107.2 TN
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON .....100.0 WV

144.7500 / 145.3500

W4DOC ATLANTA .....146.2 GA
W4GTA LOOKOUT MT .....100.0 GA
KD4MFS OCILLA ..... GA
AI4HB RADCLIFF .....173.8 KY
N4DRL BYHALIA ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE .....131.8 NC
KE4OVN DRESDEN .....107.2 TN
WD4JYD NOLENSVILLE .....114.8 TN
KB4PNG ONEIDA .....77.0 TN
N4AZJ BLAND .....103.5 VA
KF4LWH SOUTH BOSTON ..... VA
KB3BOI WARRENTON ..... VA
KB3BOI WINCHESTER ..... VA
W8GK CHARLESTON .....91.5 WV
W8SP FAIRMONT .....103.5 WV
KB3BOI HARPER'SFERRY ..... WV

144.7700 / 145.3700

AA4UA AUGUSTA ..... GA
KB4IZF JASPER .....100.0 GA
W4BKM MACON .....88.5 GA
KE4YVD RICHMOND .....192.8 KY
K5IJX HATTIESBURG .....136.5 MS
N5PYQ SOUTHAVEN .....107.2 MS
N4NCK BUTNER ..... NC
W4HF N. WILKESBORO .....94.8 NC
K4PPD SHALLOTTE ..... NC
KB4KIE KNOXVILLE ..... TN
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... VA
KC4RBA LYNCHBURG .....186.2 VA
WV8BD BECKLEY/EOC ..... WV
K8VNQ PARSONS .....118.8 WV

144.7900 / 145.3900

K4HYB GRIFFIN .....88.5 GA
WF4N #CENTRAL CITY ..... KY
N4EQT LAWRENCEBURG .....107.2 KY
KC8FKP SO. PORTSMOUTH .....136.5 KY
KB5KGE JACKSON ..... MS
NC4UC MONROE/UCARS .....94.8 NC
WB4TQD RALEIGH .....82.5 NC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
KE4EUE COLONIAL HEIGHTS ..... VA
W4POX PORTSMOUTH .....100.0 VA
K4ARO ROANOKE/POOR MT .....107.2 VA
KF8HL #LENORE ..... WV
WD8EOM WESTON ..... WV

144.8100 / 145.4100

W4PME ATLANTA/BELL .....100.0 GA
K4KNS AUGUSTA ..... GA
WA4MXO JACKSON ..... KY
KK4CZ LOUISVILLE .....151.4 KY
KC5IF D'IBERVILLE ..... MS
N4XO CHINA GROVE .....136.5 NC
K4SER WILLIAMSTON .....131.8 NC
WA4USN CHARLESTON AR ..... SC
N4VIH DOVER ..... TN
K4MFD GRNVL/VIKING MT .....173.8 TN
K5FE MEMPHIS .....107.2 TN
NQ4Y MONTEAGLE MTN .....114.8 TN
AF4CY CULPEPER ..... VA
KF4ADM WILLIAMSBURG .....127.3 VA
N8FHE BUCKHANNON ..... WV
WV8AR RED HOUSE .....123.0 WV
W8IFL UNION ..... WV

144.8300 / 145.4300

K4LCI ATLANTA ..... GA
WA9RNZ JESUP .....118.8 GA
AA4RI MACON ..... GA
KX5E GLOSTER .....136.5 MS
KU4W RAEFORD .....100.0 NC

K4QFQ SPARTA/GREEN MT ..... NC
K4JR SUMTER .....156.7 SC
WF4Q BROWNSVILLE .....107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN
AD4OV COEBURN .....103.5 VA
W4SQT RICHMOND ..... VA
WB8YST CHARLESTON .....107.2 WV
K8LG MORGANTOWN ..... WV

144.8500 / 145.4500

W4BOC DECATUR ..... GA
KG4FEJ ROCKFIELD .....136.5 KY
WX5P FULTON ..... MS
W5PPB SHARON .....77.0 MS
WR4AGC DURHAM ..... NC
WD4LCF GASTONIA ..... NC
K4GRW NEWPORT ..... NC
WD4EOG CLEMSON UNIV ..... SC
N7GZT MT. PLEASANT ..... SC
W4ZKM SAVANNAH RIVER .....123.0 SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT .....127.3 TN
AA4HQ SALUDA ..... VA
KD4KAU STAUNTON .....131.8 VA
N8LGY MT. ZION .....107.2 WV
K8KRS WELCH ..... WV

144.8700 / 145.4700

KD4HMH BONAIRE ..... GA
KG4OGC RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN .....151.4 KY
K4NLT HUEYSVILLE .....79.7 KY
KF4BRO M.YSVILLE .....107.2 KY
WB5WYH ABBEVILLE .....107.2 MS
W4OIX KINSTON ..... NC
W4NC SAURATOWN MT .....100 NC
KN4RG GAFFNEY .....141.3 SC
KI4CB MYR BCH/CONWAY ..... SC
WB4GBI KNOXVILLE ..... TN
KF4RBR MOUNTAIN CITY .....103.5 TN
N4ARK NASHVILLE ..... TN
WB4MJF ARLINGTON ..... VA
N4ZCM SOUTH HILL ..... VA

144.8900 / 145.4900

W4DV AUGUSTA ..... GA
KA4WUJ CORDELE .....103.5 GA
W4LMA MARIETTA .....88.5 GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY GIBSONVILLE .....107.2 NC
W4BWC RALEIGH .....82.5 NC
W4APE CHERAW ..... SC
WA4KOG BRADEN ..... TN
WB4LHO MCMINVL/SHT MT ..... TN
K4CQ AMHERST .....136.5 VA
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV

146.0100 / 146.6100

W4CVY COLUMBUS ..... GA
WB4JEH CONYERS .....151.4 GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
W5LAR LAUREL ..... MS
W4EWN NEW BERN .....100.0 NC
WB4TQP RALEIGH .....131.8 NC
KF4QDS THOMASVILLE .....123.0 NC
KC4WIF ELLOREE .....118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
W4CAR CHESAPEAKE ..... VA
W4WWQ LYNCHBURG .....136.5 VA
WB8MZI GASSAWAY ..... WV

146.0250 / 146.6250

W4ZT ATLANTA .....100.0 GA
W4UJT ELBERTON ..... GA
K4HAO VIDALIA ..... GA
WA4GOZ BOWLING GREEN .....103.5 KY
K4ULW WEBSTER .....151.4 KY
KC5ULN COLUMBUS ..... MS
KE5WO PORT GIBSON ..... MS
K4USB BUXTON .....131.8 NC
KI4RR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
WB4VXX CORNERSVILLE .....107.2 TN
WB4GBI KNOXVILLE .....100.0 TN
N4ABU MARTIN ..... TN
KF4JPC ARLINGTON ..... VA
K4SVA JARRATT I-95 .....100.0 VA
W3MMC NEWMARKET ..... VA
WV8B FLAT TOP/WINTRPL .....100.0 WV

146.0400 / 146.6400

WB4QGR #ATLANTA ..... GA
W4FWD CARROLLTON .....131.8 GA
AE4PO WAYCROSS .....141.3 GA
WA4UXJ CANE VALLEY ..... KY
K5XU MADISON ..... MS
WB5NAY MOOREVILLE ..... NC
WB4YAO HENDERSONVILLE .....91.5 NC
W4DW RALEIGH ..... NC
W4NC WINSTON-SALEM .....100.0 NC
W4GL SUMTER ..... SC
KA4QYI HARRIMAN .....100.0 TN
WB4KQQ MEMPHIS ..... TN
AF4TZ NASHVILLE .....114.8 TN
W4WIC FINCASTLE ..... VA
N4QLF MARION .....103.5 VA

WB4QEY RICHMOND ..... VA
N8HZ HUNTINGTON/CHAS ..... WV

146.0550 / 146.6550

N4NFP ATLANTA/MARIETTA .....151.4 GA
W4WSM BOWLING GREEN-SO..... KY
WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
KC5ZZH MERIDIAN ..... MS
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY .....131.8 NC
KD4KOJ BEAUFORT ..... SC
N5CWH LEESVILLE .....162.2 SC
KD4AOK BROWNSVILLE ..... TN
W4RDM LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
K4US ALEXANDRIA ..... VA
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS .....123.0 WV
N8SNW IAEGER .....203.5 WV

146.0700 / 146.6700

W4ABP GAINESVILLE .....131.8 GA
KF4SJO HAZARD ..... KY
W4KBL PRINCETON ..... KY
W5UBG NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
WA4BKU #FOREST CITY ..... NC
AD4DN WILMINGTON .....88.5 NC
AD4U ST. MATTHEWS .....156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE ..... TN
AF4TZ NASHVILLE .....114.8 TN
W4CBM DUBLIN ..... VA
KG4NJA NASA LANGLEY .....173.8 VA
KD4DDI PAGECO ..... VA
K4RC WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV

146.0850 / 146.6850

K4NGA ADAIRSVILLE ..... GA
WA4EPK DARIEN ..... GA
K4KZY FAYETTEVILLE ..... GA
KF4NTQ GEORGETOWN .....107.2 KY
N4WJS OWENSBORO .....110.9 KY
W5KHB NATCHEZ ..... MS
W4NBR GRIFTON .....88.5 NC
W4SNC STATESVILLE ..... NC
K4USC UNION ..... SC
KF4ARH WALLAND .....88.5 TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA
K4HTA VIENNA ..... VA
N8FMD CLARKSBURG .....103.5 WV
WB8NAM DANVILLE - ..... WV

146.1000 / 146.7000

W4MM #ALBANY ..... GA
K4UFO JASPER ..... GA
KD4BWK LAGRANGE .....141.3 GA
WB4DOJ MILLEDGEVILLE .....67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS .....151.4 KY
KD4DZE GRAYSON .....107.2 KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE .....167.9 NC
N4CID DUNN ..... NC
W4PAX LANCASTER ..... SC
WT4F PICKENS .....107.2 SC
KF4BVQ ANDERSON CTY .....100.0 TN
W4UOT MANCHESTER .....114.8 TN
WB4MMI RAMER .....107.2 TN
WA4YGM UNION CITY ..... TN
K4AU DANVILE/WHT OAK .....107.2 VA
KF8PT NORFOLK ..... VA
KD4WWF STAUNTON .....131.8 VA
WA4TXE STERLING ..... VA
KC8AFH BECKLEY .....123.0 WV

146.1100 / 146.7100

KF4FO HOPKINSVILLE ..... KY

146.1150 / 146.7150

K4NVG LAVONIA .....100.0 GA
W4ABZ RINGGOLD .....67.0 GA
KF4DFT BEREA .....100.0 KY
KA5TQY GREENWOOD ..... MS
KD4JFN HAW RIVER .....107.2 NC
N4GGN MILLERS CREEK ..... NC
WB4NEP COLUMBIA ..... SC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
W4TTL WALKERTON ..... VA

146.1300 / 146.7300

W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT..... GA
K4ATVE BRUNSWICK ..... GA
WR4DH MACON .....100.0 GA
AC4AO LEXINGTON ..... KY
AA4NI #NEBO ..... KY
KC5IF BILOXI ..... MS
KD5GVU STARKVILLE .....210.7 MS
KC5TGT UTICA .....77.0 MS
W4BWC RALEIGH .....82.5 NC
W4EXU SALISBURY .....94.8 NC
N4ILM WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WA4UKX SIMPSONVILLE .....100.0 SC
WB4IOB KNXVL/ENG MT ..... TN
KE4LFZ MEMPHIS .....107.2 TN
K4EHL WATERTOWN .....100.0 TN
W4QR HAMPTON ..... VA
WB8SPW LEWISBURG .....100.0 WV

146.1450 / 146.7450

KD4QHB ATHENS ..... GA
K4WOC CALHOUN .....100.0 GA
AF4VH SPRINGFIELD .....97.4 GA

WA4TTC GREENVILLE ..... KY
KD4RTR MILLARD .....141.3 KY
KC5VZI #NEW ALBANY ..... MS
KC4QPR MORGANTON .....94.8 NC
NN4N DILLON/PEE DEE ..... SC
W4MV DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN
AA4YQ WARTBURG ..... TN
K4ROA ROANOKE/POOR MT .....107.2 VA
KK3L BERKELEY SPRINGS ..... WV

146.1600 / 146.7600

W4RRG LOOKOUT MT. .....67.0 GA
W4BOC STONE MT .....107.2 GA
WR4MG UNADILLA .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
K4CUW PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHLMT PISGAH ..... NC
K4GWH GREENSBORO .....88.5 NC
KB2XI SWANSBORO ..... NC
WB4THL WILSON .....131.8 NC
K4ESG MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....151.4 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON .....131.8 WV
N4RAG LEWISBURG .....131.8 WV
W8CUL MORGANTOWN ..... WV
W8ZO WHEELING ..... WV

146.1750 / 146.7750

N4NEQ MARIETTA .....151.4 GA
KB4NA WRENS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
K5PN HATTIESBURG .....136.5 MS
NC4SU RALEIGH .....88.5 NC
W4ZU SOUTHPORT .....100.0 NC
KF4GHC FORT JACKSON .....156.7 SC
WF4Q FRUITLAND .....107.2 TN
W4JVO PULASKI/MUSIC MT ..... TN
AG4AN FOREST .....131.8 VA
K4MQF SPOTSYLVANIA ..... VA
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV

146.1900 / 146.7900

KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
K4SEX NEWNAN ..... GA
K4VYX SWAINSBORO ..... GA
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KA4UHL NANCY .....100.0 KY
K5TYP BILOXI ..... MS
W4TLP CLINTON ..... NC
KG4ASL SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... SC
W4AM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS .....107.2 TN
W4SQE NASHVILLE .....100.0 TN
N4SD CHESAPEAKE ..... VA
K4KXK FAIRFAX ..... VA
NM8T OAK HILL ..... WV

146.2050 / 146.8050

K4PDQ MACON .....77.0 GA
KA4NNE ELKTON .....100.0 KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
K5IMT #VICKSBURG ..... MS
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
KF4TNP CORNERSVILLE .....114.8 TN
W4EYJ CROSSVILLE .....131.8 TN
WB4MMI SELMER .....107.2 TN
WA4HTI COVINGTON ..... VA
W4TTL MECHANICSVILLE ..... VA

147.4050 / 146.8050

KC4AQS JASPER .....100.0 GA
W4DJB CANTON ..... NC
KD4TC BIG "A" MTN .....103.5 VA

146.2200 / 146.8200

W4MM ALBANY ..... GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
KF4DKJ DRAKESBORO ..... KY
W4CMR IRVINE .....192.8 KY
K5HYE MAGEE .....100.0 MS
WB4PZA WILKESBORO ..... NC
K4GMP WILMINGTON .....88.5 NC
KT4NZ CAMDEN .....131.8 SC
W4NYK GRNVLE/PARIS MT ..... SC
WB4OAH LAKE CITY ..... TN
W4BS MEMPHIS ..... TN
KB4PNG #ONEIDA ..... TN
W4UOT WINCHESTER ..... TN
W4CAR CHESAPEAKE .....162.2 VA
N4WWB GATE CITY ..... VA
W4RKC WINCHESTER ..... VA
WB8CQV CHARLESTON .....192.8 WV
W4RKC WINCHESTER, VA ..... ZZ

146.2350 / 146.8350

KC4GSS THOMSON ..... GA
KF4AWA SALVISA .....192.8 KY
WB4PLA ASHEVILLE ..... NC
KB4TOH COLUMBIA .....131.8 NC
W4USH WADESBORO ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN .....100.0 TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KK4EH GRUNDY/BIG A MT ..... VA
W4GSF KILMARNOCK ..... 173.8 VA
N4UTN RUSTBURG/LONG MT .... 173.8 VA
KC8ECX COWEN ..... 110.9 WV
147.4350 / 146.8350
N4KHQ DAHLONEGA ..... 100.0 GA
W4KMU #HOPE MILLS ..... NC
KB4BPV THOMASVILLE ..... 88.5 NC
146.2500 / 146.8500
W4RPO DALLAS ..... GA
K4SDJ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE ..... MS
WB5MFK IUKA ..... 103.5 MS
W5LWC KOSCIUSKO ..... MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
N4IV REIDSVILLE ..... 103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN ..... 127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE ..... 114.8 TN
W4POX PORTSMOUTH ..... VA
WA4ZBP STAUNTON ..... 131.8 VA
WV8BD BECKLEY/FLAT TOP ..... WV
N8ZAR BUCKHANNON ..... WV
146.2650 / 146.8650
N4ZON JESUP ..... 123.0 GA
WB4DKY MADISON ..... 179.9 GA
AD4MU OWENSBORO ..... KY
KG4AEU RICHMOND ..... 192.8 KY
KD4HLH LAURENS ..... 107.2 SC
KF4DPU CROSSVILLE ..... TN
KN4KP TRENTON ..... TN
KF4VDF NORTON ..... 103.5 VA
147.4650 / 146.8650
N5DWU ELLISVILLE ..... 136.5 MS
N4WCO MURPHY/STALCUP ..... 151.4 NC
WA4ZRS WAXHAW ..... 94.8 NC
WZ8E MOUNTAIN LAKE ..... 110.9 VA
146.2800 / 146.8800
W4CVY COLUMBUS ..... GA
W4BTI MARIETTA/ATLANTA ..... 100.0 GA
WA4NKL QUITMAN ..... GA
W4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET ..... 77.0 KY
K5QNE JACKSON ..... 100.0 MS
KE5SJ PASCAGOULA ..... MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
N7GZT ORANGEBURG ..... SC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND ..... VA
WA4V SALEM ..... VA
WB8CQV SO. CHARLESTON ..... 203.5 WV
146.2950 / 146.8950
N4VNI HARTWELL ..... 100.0 GA
WR4MG HAWKINSVILLE ..... 107.2 GA
N3SM MACON ..... 123.0 GA
K4JBV FLORENCE ..... 100.0 KY
KA4BLZ WYN GROVE ..... 210.7 KY
W4APE PAGELAND ..... SC
KF4HNV CROSSVILLE ..... 118.8 TN
WD4EGD DANDRIDGE ..... TN
K4TTC HOWENWALD ..... 100.0 TN
N4RAG HARRISONBURG ..... VA
WA4KXV VIRGINIA BEACH ..... VA
WB3T WYTH/WALKER MT ..... 103.5 VA
147.4950 / 146.8950
WD4LUQ DALLAS ..... 77.0 GA
KC4KZT DORTON ..... 141.3 KY
N5DWU ELLISVILLE ..... 136.5 MS
146.3100 / 146.9100
WB4HIG CLEVELAND ..... GA
K4HYB GRIFFIN ..... GA
K4GFY MOREHEAD ..... 123.0 KY
KS4TO WADDY ..... 107.2 KY
K5VV HERNANDO ..... MS
WA5JZL LUCEDALE ..... MS
K5OCM NATCHEZ ..... 91.5 MS
WA4ZGQ AHOSKIE ..... 131.8 NC
W4MOE ASHVILLE/PIVEY MT ..... 91.5 NC
WB4YZF FAYVLLE/CFARS ..... 100 NC
K4IZM LEXINGTON ..... 107.2 NC
WA4SJS WHITE HALL ..... SC
KC4ROG KNOXVILLE ..... TN
W4YXA SHORT MTN ..... TN
KE4ZBH FARMVILLE ..... VA
K4TUE MT.LAKE/BALD KNB ..... 107.2 VA
KF4QQP TYSONS CORNER ..... VA
N8BQ MCMECHEN ..... WV
146.3250 / 146.9250
WA4ASI COVINGTON ..... GA
N4PJR JESUP ..... 141.3 GA
W4BEJ RADCLIFF ..... KY
??? CORINTH ..... 107.2 MS
AD4T #DOBSON ..... 100.0 NC
W4APE BISHOPVILLE ..... SC
W4GZX CLEVELAND ..... TN
WA4TLZ CUMBERLAND CITY ..... 127.3 TN
WD4OBW JONESBOROUGH ..... TN
WA4TFZ CHARLOTTESVILLE ..... 151.4 VA
WB4GJG DANVILLE(DCC) ..... 107.2 VA
WD8OGY PRINCETON/PIPEST ..... WV
146.3400 / 146.9400
KT4N AUGUSTA ..... GA
W4VQ ROME/MT. ALTO ..... 88.5 GA
WA4RVB WRIGHTSVILLE ..... GA

K4GEC ASHLAND ..... KY
KY4X GLASGOW ..... 114.8 KY
K4MSU MURRAY ..... 91.5 KY
KB5DWX AMORY ..... 192.8 MS
KA5SBK JACKSON ..... 100.0 MS
K5JMD MCCOMB ..... MS
K4CTY BURGAW ..... NC
WA4IZG BUTNER ..... 156.7 NC
W4BFB CHARLOTTE ..... NC
W4ACY WANCHESE ..... 131.8 NC
N7GZT CHARLESTON ..... SC
W4IQQ GREENVILLE ..... SC
WB4GBI KNOXVILLE ..... TN
N4BSM MEMPHIS ..... 107.2 TN
W4ZA RICHMOND ..... VA
W4AP ROANOKE ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV
146.3550 / 146.9550
KD4AOZ ATHENS ..... 123.0 GA
KE4RQT BLAIRSVILLE ..... 100.0 GA
WR4MG PERRY ..... 107.2 GA
KF4BRO FLEMINGSBURG ..... 107.2 KY
WB9SHH MONTECELLO ..... 88.5 KY
N5EKR ELLISVILLE ..... MS
KC5OB ISOLA ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE ..... 114.8 TN
WZ8E BLUEFIELD/ONEIDA ..... 100.0 VA
N4CFA FARMVILLE ..... 136.5 VA
146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
KI5FW MERIDIAN ..... 100.0 MS
N5PH PASCAGOULA ..... MS
N5EYM WINONA ..... 110.9 MS
KD4BJD BENSON ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4RWK MEDINA ..... TN
W4SKH OAK RIDGE ..... TN
NC4BL FANCY GAP ..... 100.0 VA
W4OVH MANASSAS ..... VA
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH) ..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA ..... 100.0 GA
KC4ZGN ELLIJAY/TALONA M ..... 77.0 GA
KN4FE WARM SPRINGS ..... GA
N4SEI #JONATHAN CREEK ..... KY
N5LRQ COLLINS ..... 136.5 MS
KB5DMT SENATOBIA ..... 107.2 MS
K4OGB ALBEMARLE ..... 100.0 NC
WD4PVE MARION ..... 118.8 NC
KC4PRD NASHVILLE ..... TN
KE4SCS PETERSBURG ..... 127.3 VA
W4CA ROANOKE/POOR MT ..... VA
N8EIT CHARLESTOWN ..... WV
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
WA4NNO ATLANTA ..... GA
K5UFH CORINTH ..... MS
KE5TL #VANCLEAVE ..... MS
N5DXM WATER VALLEY ..... MS
WD4FVO JACKSONVILLE ..... NC
KD4HTW MARION ..... 192.8 SC
WB4YXZ PICKENS ..... SC
KD4CWB BKNAIRE ..... 100.0 TN
W4ZJM MEMPHIS ..... #TN
W4LG SUFFOLK ..... 100.0 VA
147.6000 / 147.0000
W4EEE BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
KC5ULN COLUMBUS ..... MS
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE ..... 88.5 NC
WA4CBX CUMMING ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE ..... 131.8 TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE ..... 100.0 GA
N4YSB YADKINVILLE ..... NC
AB4M LYNCHBURG ..... 131.8 VA
K4AXO NORTON/HIGH KNB ..... 88.5 VA
147.6150 / 147.0150
K4EDW BKNAIRE ..... 82.5 GA
KG4OGC HINESVILLE ..... GA
AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
NC4LC LINCOLNTON ..... 141.3 NC
KD4MYE RALEIGH ..... NC
W4GL SUMTER ..... 156.7 SC
AF4TZ NASHVILLE ..... TN
KE4RX RCKWD/MT ROSVLT ..... TN
WF4Q UNION CITY ..... 107.2 TN
K4TS FREDERICKSBUR ..... VA
AA8TH RICHWOOD ..... WV
146.4300 / 147.0300
WV5D LAUREL ..... MS
KU4OL MOUNTAIN REST ..... SC
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA

147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE ..... 103.5 KY
W4PJZ LOUISVILLE ..... 151.4 KY
W5LDD OCEAN SPRINGS ..... MS
KG4BTN GREENSBORO ..... 131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KK4BQ BARNWELL ..... 156.7 SC
N4JTH #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... 107.2 TN
KQ4E MORRISTOWN ..... TN
KE4JSV LURAY ..... VA
KC8IT MULLENS ..... WV
WB8ECC ST.MARYS/BENS RG ..... WV
146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL ..... 151.4 NC
147.6450 / 147.0450
KE4ZRT DOUGLAS ..... 141.3 GA
KD4AOZ WATKINSVILLE ..... 123.0 GA
KJ4VF GRETHEL ..... 100.0 KY
KE4OOS PARIS ..... 141.3 KY
KB5LCL MORTON ..... 141.3 MS
W4NHV LUMBERTON ..... NC
KC4MJC #TROUTMAN ..... 77.0 NC
K4ILT ST. GEORGE ..... 103.5 SC
AF4O BOLIVAR ..... TN
WB5BAK LIVINGSTON ..... TN
K4AYN NASHVILLE ..... TN
KE4CKJ STAUNTON/EL.KB ..... 131.8 VA
WA4SBC VIRGINIA BEACH ..... VA
KD4UTV DELAND, FL ..... 103.5 ZZ
146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
WD4LDU CHARLESTON ..... 141.3 TN
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV
146.4750 / 147.0600
WA4DDI MACON ..... GA
N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN ..... 156.7 KY
W4NJA PADUCAH ..... 103.5 KY
N5OCF RICHTON ..... MS
KB4BR MACO ..... NC
W4VFR SUMTER/SHAW ..... SC
N4FV GREENEVILLE ..... 186.2 TN
WA4MQQ MEMPHIS ..... TN
N4VFB SHELBYVILLE ..... TN
WB4VWR ENON ..... 107.2 VA
N8ZAR BUCKHANNON ..... 123.0 WV
147.6700 / 147.0700
N4MRM LOUISVILLE ..... 151.4 KY
146.4750 / 147.0750
KK4MW CARBO ..... 103.5 VA
NM8T SMITHERS ..... WV
147.6750 / 147.0750
W4CLA CLAXTON ..... GA
W4GR LAWRENCEVILLE ..... 82.5 GA
N4TLP OWINGSVILLE ..... KY
NC5Y JACKSON ..... MS
K4CCR NEWTON ..... 88.5 NC
KD4JFN PITTSBORO ..... 146.2 NC
KT4BU EASTOVER ..... 156.7 SC
WQ4E GREENBRIER ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
WF4Q MCNAIRY ..... 107.2 TN
AD4ZO ADORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN ..... 103.5 WV
147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON ..... 179.9 GA
K2YRW YOUNG HARRIS ..... GA
KF4CWK DAWSON SPRINGS ..... 103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN MAGNOLIA ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KI4DH STAR/BISCOE ..... 100.0 NC
KF4ATU ORANGEBURG ..... 156.7 SC
KA4JLA SPARTANBURG ..... SC
AG4UW CENTERVILLE ..... 123.0 TN
KA4NLP JAMESTOWN ..... 100.0 TN
W4GMM MEMPHIS ..... 107.2 TN
W4SRC GALAX/BRIRP MT ..... VA
N4TZE GOOCHLAND ..... VA
N4RAG MARLINTON ..... 131.8 WV
147.7050 / 147.1050
WB6RTH ATLANTA ..... 107.2 GA
KF4DG PEMBROKE ..... GA
N4EQT FRANKFORT ..... 107.2 KY
WA4ZAC HARLAN ..... KY
W5SAR WAYNESBORO ..... MS
WA4KNI HENDERSONVILLE ..... NC
K4ITL LILLINGTON ..... 82.5 NC
KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON ..... 100.0 TN
WB4JBJ BEDFORD ..... VA
KB4ZIN WILLIAMSBURG ..... VA
KA8AUW SPENCER ..... 100.0 WV
147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
K4HCA CLARKESVILLE ..... GA
KT4N #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
N4GAS GASTONIA/SPCR MT ..... NC
WN4Z ROCKY MOUNT ..... 131.8 NC
W4GS MYRTLE BEACH ..... SC

W4GGM COLUMBIA ..... 127.3 TN
N4WAH MEMPHIS ..... 107.2 TN
K4EAJ OAK RIDGE ..... 82.5 TN
W4CUL CULPEPER ..... VA
WG8S PATRICK SPRINGS ..... 107.2 VA
WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV
147.7350 / 147.1350
N4BZJ DALTON ..... 118.8 GA
WR4SG LAKE PARK ..... 141.3 GA
K4GK MILLEDGEVILLE ..... 123.0 GA
KF4CME BARBOURVILLE ..... 100.0 KY
KE4SZK FRANKLIN ..... 136.5 KY
KF4WMM SANDY HOOK ..... 107.2 KY
KB5UIX VOSSBURG ..... 136.5 MS
K4HXZ BREVARD ..... NC
K4ITL CHAPEL HILL ..... 82.5 NC
WA4US WILMINGTON ..... 67.0 NC
K4CCC CHESTERFIELD ..... SC
KG4BZN WALTERBORO ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG ..... 100.0 VA
KC4VDZ RICHMOND ..... 107.2 VA
KE8MR DAVIS ..... 103.5 WV
KC8TLG ROCKPORT ..... 123.0 WV
AA2LD VINELAND, NJ ..... 156.7 ZZ
147.7500 / 147.1500
WB4GQX CUMMING ..... GA
WA4IDS SAVANNAH ..... GA
KD4YGK LEBANON JCT. ..... 203.5 KY
KI5IW BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO ..... 88.5 MS
K4VLY MORGANTON ..... NC
K4ITL ROANOKE RAPIDS ..... 82.5 NC
WD4UN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST ..... 114.8 TN
K4EAJ OAK RIDGE ..... 82.5 TN
KB4RFN CLINCHCO ..... 88.5 VA
N5GQD KINGS CROSSING ..... VA
KB8YDG RICHWOOD ..... 100.0 WV
147.7650 / 147.1650
KE4ZRT DOUGLAS ..... 141.3 GA
KF4XH #MACON ..... GA
N4OME MADRAS ..... 131.8 GA
N4NEQ MORGANTON ..... 151.4 GA
W4WSM BOWLING GREEN ..... KY
WA4HBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY
W4UA HIGH POINT ..... NC
KD4PBK LUMBERTON ..... 88.5 NC
W4GWD GREENWOOD ..... 107.2 SC
KF4BRS ERWIN/UNICOI ..... TN
KC4YLL PARIS ..... 114.8 TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE ..... 123.0 TN
W4CM NEWPORT NEWS ..... VA
NZ4N WARRENTON ..... VA
KA8TCF WESTON ..... WV
147.7800 / 147.1800
N4BMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS ..... 107.5 GA
KE4ZJT LONDON ..... 151.4 KY
W4CN LOUISVILLE ..... 88.5 KY
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND ..... 156.7 NC
AC4RC WILMINGTON ..... 88.5 NC
WD4DXA FORT MILL ..... SC
W4HNK SUMMERVILLE ..... 123.0 SC
WD4DES CLEVELAND ..... 118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE ..... 114.8 TN
WD4ITN MONTEREY ..... 100.0 VA
N4NRV PKS KB/PULASKI ..... 103.5 VA
WD8OHX LEON ..... WV
147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KT4SH CADIZ ..... 103.5 KY
KJ4VF LEXINGTON ..... KY
N5YNY COLUMBIA ..... 136.5 MS
N4NIN #LENOIR ..... NC
KO4CW RALEIGH ..... 88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE ..... 100.0 TN
AF4OQ SARDIS ..... 94.8 TN
WA4RTS LYNCHBURG ..... 136.5 VA
WT4RA SMITHFIELD ..... 100.0 VA
NV8H LOGAN SOUTH ..... 100.0 WV
147.8100 / 147.2100
KF4GHF CONYERS ..... 162.2 GA
K4NLX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN ..... 103.5 KY
K4HY OWENSBORO ..... 110.9 KY
N5SPJ UNION ..... 100.0 MS
W4BUZ GREENSBORO ..... NC
W4SLH ORIENTAL ..... 151.4 NC
WA4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
W4HPL COOKEVILLE ..... TN
WF4Q JACKSON ..... 107.2 TN
W4CIA MCLEAN ..... VA
KB8NJH AMBER RIDGE ..... 107.2 WV
N8FMD CLARKSBURG ..... 103.5 WV
147.8250 / 147.2250
W8JI BARNESVILLE ..... GA
KG4ABK DOERUN ..... GA
W4RLP SUMMERVILLE ..... 100.0 GA
KY4SP LITCHFIELD ..... 179.9 KY
W5BJT #FRENCH CAMP ..... MS
WB4SRV CLAREMONT ..... 162.2 NC
WR4AGC HILLSBOROUGH ..... NC

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4DTW ST. GEORGE ..... SC
NO4Q MCEWEN ..... TN
WB4OAH MORRISTOWN ..... TN
KA4VXR HAMPTON .....136.5 VA
N4RAG HARRISONBURG ..... VA
WB8NRK PRINCETON .....114.8 WV
KA1OKQ CONCORD, NH .....100.0 ZZ

147.8400 / 147.2400

AE4JO EMERSON .....103.5 GA
WB4NFG IRWINTON .....77.0 GA
KC4QK ASHLAND .....107.2 KY
W4GZ FARMINGTON .....91.5 KY
KC4AI FRANKFORT .....100.0 KY
KF4TLT HYDEN .....186.2 KY
W5PPB PELAHATCIE .....77.0 MS
N5ELS TUPELO ..... MS
KG4BOS CARTHAGE ..... NC
KG4JIA CHERRY MTN .....94.8 NC
W4GHZ FRANKLIN .....151.4 NC
W4IAR HILTON HEAD ..... SC
AC4VT LANCASTER .....88.5 SC
K2PJ MYRTLE BEACH .....85.4 SC
W4LKZ GALLATIN .....114.8 TN
KD4ZTK BOYDTON ..... VA
N4MGQ ELK CRK/IRON MT .....107.2 VA
W4IY WOODBRIDGE ..... VA
AB8WB #GASSAWAY .....123.0 WV

147.8550 / 147.2550

KR4NQ SNELLVILLE .....107.2 GA
AE4PO WAYCROSS .....141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HTS. .....123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC ..... NC
W4RRC LEESVILLE .....123.0 SC
AG4UW CENTERVILLE .....123.0 TN
WA4JA FRANKLIN ..... TN
KJ4SI PETROS/FRZ HD MT..... TN
K4BW ACCOMAC .....156.7 VA
WD4CYZ #CLINCHCO ..... VA
KC8CNL HINTON .....100.0 WV
WB8YZV MARTINSBURG ..... WV
WC8EC PARKERSBURG ..... WV

147.8700 / 147.2700

KF4ZUR ALLENHURST .....162.2 GA
W4VIR AMERICUS ..... GA
KF4GHF COVINGTON .....162.2 GA
WB4EJK LOUISVILLE .....151.4 KY
KE4AIE ST. CHARLES ..... KY
WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG .....100.0 MS
W4CQ CHARLOTTE ..... NC
AK4H RALEIGH/BENSON ..... NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WD4BKY GALLATIN .....114.8 TN
WB0TMC JACKSON ..... TN
KE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POOR MT ..... VA
WV8AR SCOTT DEPOT .....123.0 WV

147.8850 / 147.2850

W4PVW ASHBURN/TIFTON .....141.3 GA
KA5WZY ATLANTA ..... GA
KC4WWU KINGSLAND .....118.8 GA
KC4ZFH LONDON ..... KY
KA4FGA #MARION ..... KY
N5LJC COLUMBIA ..... MS
KB5TGA CORINTH ..... MS
W4RCW TRYON ..... NC
N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE .....107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HON SPRUCE KNOB ..... WV
W3PS OCEAN CITY, NJ .....146.2 ZZ

147.9000 / 147.3000

N4ALE COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS .....107.2 GA
K4ICN ALLEN .....123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
W4YSB JEFFERSON .....103.5 NC
N4JEX KANNAPOLIS .....136.5 NC
W4MZP RED SPRINGS ..... NC
WB4IUY WILSON .....88.5 NC
K4LWS AWENDAW .....103.5 SC
W4CAT GALLATIN .....114.8 TN
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4ADT MEMPHIS .....107.2 TN
WA4TSC BLUEMONT ..... VA
W4LG FRANKLIN .....131.8 VA
KI4ZR LEXINGTON .....131.8 VA
WB8NSL HARISVL/PENSBRO .....100.0 WV

147.9150 / 147.3150

AD4EQ DOUGLAS .....141.3 GA
W4STJ FORSYTH .....88.5 GA
W4LJM #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
KF4HFQ ROLESVILLE .....88.5 NC
K4MPJ SAURATOWN MT .....100.0 NC
K4PPD SHALLOTTE .....118.8 NC
K4JLA SPARTANBURG ..... SC
KD4HZN ROGERSVILLE .....114.8 TN
N4ARK SPARTA .....123.0 TN
AJ4D TELLICO PLAINS .....141.3 TN
W4HFH ALEXANDRIA ..... VA

K4HWQ GRUNDY ..... VA
N4YET HARRISONBURG ..... VA
W3PS PHILADELPHIA, PA.....156.7 ZZ

147.9300 / 147.3300

W3LAP COCHRAN .....77.0 GA
WB4BXO LAGRANGE ..... GA
K4NLX SAVANNAH ..... GA
N4MTN TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW BOWLING GREEN ..... KY
WD4KNE #MT. STERLING ..... KY
N4IUI #PROVIDENCE ..... KY
N5EPP PHILADELPHIA ..... MS
WA4FLR FAYETTEVILLE ..... NC
KN4K LENOIR/HIBRITN .....141.3 NC
KF4GHC COLUMBIA .....156.7 SC
WD4ORB MORGAN COUNTY .....82.5 TN
WD4RBJ PULASKI .....100.0 TN
KI4ZR LEXNGTN/ROCK MT..... TN

147.9450 / 147.3450

N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4PJR JESUP/SCREVEN ..... GA
WD4JZH LEBANON .....151.4 KY
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4IXW MADISON .....103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SILVA .....151.4 NC
WA4TEP WASHINGTON ..... NC
KF4CDR CHARLESTON ..... SC
KB4RRC PALMETTO ..... SC
K4BBN CROSS PLAINS ..... TN
K4PHT DAYTON ..... TN
NM4L ABINGDON .....103.5 VA
KC4KMY EASTVILLE .....156.7 VA
#W4NFR QUANTICO ..... VA
W3RUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV
K3MAD MARTINSBURG ..... WV

147.9600 / 147.3600

W4SCR DOUGLASVILLE .....88.5 GA
WA4HZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
W5CJR HATTIESBURG ..... MS
KC5QGC LOUISVILLE ..... MS
K5SVC NATCHEZ .....100.0 MS
WA4J BOONE/RICH MTN .....103.5 NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
N4EOY COLUMBIA ..... SC
KA4OAK LAFOLLETTE ..... TN
W4BS MEMPHIS .....107.2 TN
AF4TZ NASHVILLE ..... TN
K4KLX PARIS ..... TN
KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY .....123.0 WV
WV8TC MIDDLEBOURNE .....110.9 WV
K7SOB SKYLINE .....127.3 WV

147.9750 / 147.3750

KK1TQ ATHENS/CRAWFRD .....127.3 GA
KB4VAK LAFAYETTE .....77.0 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
K4CO WALTON .....123.0 KY
KA5VFU GULFPORT ..... MS
KD4EAD BETHEL .....151.4 NC
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM .....114.8 NC
KI4CB GEORGETOWN ..... SC
K4LEO #GREENWOOD ..... SC
KN4HL DICKSON ..... TN
W4NRV PEARISBURG .....100.0 VA
WD8LNB GRAFTON .....118.8 WV

147.9800 / 147.3800

WB5NAY PONTOTOC ..... MS

147.9900 / 147.3900

KE4SNT #BLACK ROCK MT ..... GA
W4CJB PEMBROKE ..... GA
W4OHH THOMASTON .....131.8 GA
N4INT #ARTEMUS .....107.2 KY
WR8CRA COVINGTON ..... KY
KF4TOL CRESTWOOD .....151.4 KY
N8QZU LOUISA .....127.3 KY
KC5QHP FOREST .....100.0 MS
WB4IUY CLAYTON .....88.5 NC
WA4QBG EDEN/STONEVILLE ..... NC
WA4CHZ LOCUST .....100.0 NC
K4PPD SHALLOTTE ..... NC
N4DTR WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L CLARKSVILLE .....123.0 TN
K4DPD DAYTON/RHEA CTY ..... TN
KQ4E #MORRISTOWN ..... TN
WA4JSY OAKFIELD ..... TN
KF4TNP #RICHLAND .....167.9 TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER .....123.0 WV
WV8D LEWISBURG .....100.0 WV
WD8CYV PARKERSBURG .....141.3 WV

144.7300 / 147.4350

N8YIB CAPON MT ..... WV

220 MHZ

222.1800 / 223.7800

WD8OHX #LEON ..... WV

222.3000 / 223.9000

WB4SJV HERMITAGE ..... TN

222.3400 / 223.9400

KC4QK ASHLAND ..... KY
W4ZJM MEMPHIS .....*# TN

222.3600 / 223.9600

WR3S SMITHVILLE ..... TN

AA2LD MILLVILLE, NJ .....156.7 ZZ

222.3800 / 223.9800

W4CAT GALLATIN .....107.2 TN
W3PS OCEAN CITY, NJ .....156.7 ZZ

222.4200 / 224.0200

WB4JEH #CONYERS ..... GA
N0NW LEESBURG ..... VA

222.4600 / 224.0600

W4NYR SHELBY ..... NC
WB4MJF ARLINGTON ..... VA

222.5000 / 224.1000

K4SWS EATONTON .....179.9 GA
KA4UHL NANCY .....100.0 KY
KF4TNP LEWISBURG ..... TN
WB4YHD FAIRFAX ..... VA
N4CH ROANOKE ..... VA

222.5200 / 224.1200

N4NFP ATLANTA/MARIETTA .....151.4 GA
WM4MD MIDDLESBORO .....82.5 KY
K4ITL CHAPEL HILL ..... NC
W4GL SUMTER ..... SC
WV8B FLAT TOP/WINTRPL .....100.0 WV

222.5400 / 224.1400

KD4ALC WALESKA ..... GA
WR4BEG SOPHIS/RANDLEMAN..... NC
WB4QHF PICKENS/CSRS HD .....131.8 SC
KB4PNG ONEIDA ..... TN
N4HRV CHARLOTTESVILLE .....88.5 VA
WR8M WILLIAMSON ..... WV

222.5600 / 224.1600

KC4JNN BISKEY MTN .....100.0 GA
KN4K LENOIR/HIBRITN ..... NC
K4ITL RALEIGH ..... NC
N7GZT COLUMBIA ..... SC
WR3S NASHVILLE ..... TN
KF4VED BLUEMTN ..... VA

222.5800 / 224.1800

N4YDX DALLAS ..... GA
KA4NRL CHARLESTON ..... SC
KB8FPK ERWIN ..... TN
WA1ZMS BEDFRD/APL ORCH .....100.0 VA

222.6000 / 224.2000

KC4OVY #ATLANTA-NE .....100.0 GA
WA4US WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
W4CBX BLOUNTVILLE ..... TN
W4JAS HAMPDEN-SYDNEY ..... VA

222.6200 / 224.2200

KB0Y RAY CITY .....141.3 GA
AD4CR VERSAILLES ..... KY
KF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT .....100.0 TN
KO4BN SPRINGFIELD ..... TN
N3HXT WINCHESTER ..... VA
KC8LRN HILLSBORO .....131.8 WV

222.6400 / 224.2400

N4YYD FT MT/CHATSWTH .....71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QOX KVILLE/HIPOINT .....107.2 NC
N8FWL BECKLEY .....123.0 WV

222.6600 / 224.2600

KE4QFG MARIETTA .....110.9 GA
K4NLT GARRETT .....79.7 KY
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. .....114.8 TN

222.6800 / 224.2800

N4MNA CONLEY ..... GA
AC4RZ PICKENS ..... SC
KA4OAK LAFOLLETTE ..... TN
AB4M LYNCHBURG ..... VA

222.7000 / 224.3000

WA4KM VILLA RICA .....131.8 GA
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB .....131.8 VA

222.7200 / 224.3200

N4MTA ACWORTH/ATL .....123.0 GA
KA4SQN JACKSONVILLE ..... NC
W4IT PICKENS/SASFR MT ..... SC
KK4US CLEVELAND ..... TN

223.7200 / 224.3200

K4TDO LYNCH ..... KY

222.7400 / 224.3400

W4DOC ATLANTA ..... GA
WW4DC THOMASVILLE .....88.5 NC
WB4GBI KNOXVILLE ..... TN
KM4OI TYSONS CORNER ..... VA
N8FWL BECKLEY/OAK HILL .....123.0 WV

222.7600 / 224.3600

N4BZJ DALTON ..... GA
WB4PAC #GRIMESLAND ..... NC
WA4TG MARSHALL ..... NC
WR3S LAVERGNE ..... TN
KE4JSV LURAY ..... VA
WB8YST CHARLESTON .....107.2 WV

222.7800 / 224.3800

N4RBT DAHLONEGA .....100.0 GA
WR4AMS META ..... KY
N4OQJ KNOXVILLE .....100.0 TN
WS4W RIDGEWAY ..... VA

222.8000 / 224.4000

KC4AQS JASPER .....100.0 GA
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS .....131.8 SC
KB4YGI COLLIERVILLE ..... TN
N4RBB MORRISTOWN ..... TN
WD4KHP BERRYVILLE ..... VA
W8COX SUTTON .....123.0 WV
W3PS POTTSTOWN, PA .....156.7 ZZ

222.8200 / 224.4200

KD4AOZ WATKINSVILLE .....123.0 GA

AC4AO LEXINGTON ..... KY
W4BS MEMPHIS ..... TN
WD4KHP HAYMARKET ..... VA
WD4GSM NORTON/HIGH KNB ..... VA
WG8S PATRICK SPRINGS .....103.5 VA
WD4KHP TYSONS CORNER ..... VA
WD4KHP BELL KNOB ..... VA

222.8400 / 224.4400

N4NEQ ATLANTA/MARIETTA .....151.4 GA
WB4GUG GREENSBORO .....107.2 NC
KN4CW WEST SPRINGS ..... SC
KC4TFQ #NASHVILLE ..... TN
N2FUV SEVIERVILLE ..... TN
N8FWL BLUEFIELD .....123.0 VA

222.8600 / 224.4600

N4BZJ DALTON .....118.8 GA
KB0Y VALDOSTA .....141.3 GA
K4XYZ BUCKHORN LAKE .....103.5 KY
KC4ZTJ SHELBY ..... NC
WR3S NASHVILLE ..... TN
WB4FUJ LOVETTSVILLE ..... VA

222.8800 / 224.4800

KC4FWC LOCUST ..... NC
K4ZGA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN

222.9000 / 224.5000

N4MTA ACWORTH/ATL .....123.0 GA
N4FND SHEPHERDSVILLE .....151.4 KY
N4DRL BYHALIA ..... MS
AD4DN WILMINGTON .....88.5 NC
KG4JIA GAFFNEY .....123.0 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
K4RCA MARTINSVILLE ..... VA

222.9200 / 224.5200

KE4AIS PINE LOG MTN ..... GA
WR4AMS DORTON ..... KY
KD4CJG ASHEVILLE .....91.5 NC
K4RWN LITTLE MTN ..... SC

222.9400 / 224.5400

N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF SPRINGFIELD .....107.2 TN
WB4PVT HAMPTON .....100.0 VA
N8FWL BECKLEY - WEST .....123.0 WV

222.9600 / 224.5600

W4RRG LOOKOUT MT ..... GA
KD4RXF LANCASTER ..... KY
WB4YZF FAYETTEVILLE ..... NC
N5CWH LEESVILLE .....162.2 SC
AC4JF NEWPORT .....100.0 TN
N4YW WYTHEVILLE .....77.0 VA
KC8CSE GREENBANK .....123.0 WV

222.9800 / 224.5800

NX9O ALPHARETTA .....100.0 GA
WB4F PIKEVILLE ..... KY
KR4AA ROCKY MOUNT ..... NC
KB4VFD CROSS ..... SC
N4KFI KNOXVILLE .....103.5 TN

223.0000 / 224.6000

W4UWH JASPER .....100.0 GA
WB4PLA ASHEVILLE ..... NC
KC4KUL #BIG PHOENIX MTN.....100.0 NC
KD4TZZ MURFREESBORO .....123.0 TN
W4LG LAKE GASTON ..... VA

223.0200 / 224.6200

W4PME ATLANTA/BELL .....100.0 GA
KD4DAR PIKEVILLE ..... KY
KC4IRA GASTONIA .....127.3 NC
KD4JFN HAW RIVER .....107.2 NC
W4UWH GATLINBURG ..... TN
WB4MWF ARLINGTON ..... VA
W4GSF GLOUCESTER ..... VA

223.0400 / 224.6400

W4RRG LOOKOUT MT. ..... GA
KG4JIA CHERRY MTN .....71.9 NC
W4RNC RALEIGH ..... NC
KC4SWI COLUMBIA ..... SC
KC4RGQ MORRISTOWN ..... TN
N8FWL HINTON/BECKLEY ..... WV

223.0600 / 224.6600

NP2Y YOUNG HARRIS .....100.0 GA
KE4RQL BIG KNB/MARS HIL .....100.0 NC
WA1YYN EFLAND .....107.2 NC
W4VFR SUMTER/SHAW ..... SC
WR3S NASHVILLE ..... TN
W4DVH MANASSAS ..... VA

223.0800 / 224.6800

N4BZJ DALTON ..... GA
WB4KPF WILMINGTON ..... NC
KA4RCL WAYNESBORO .....131.8 VA
W3PS EAGLEVILLE, PA .....156.7 ZZ

223.1000 / 224.7000

W4TIY DALLAS ..... GA
WB9SZL CLEMMONS .....100.0 NC
KM4TC DUNCAN .....88.5 NC
KD4VUW GALLATIN ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4ARO PETERSBURG ..... VA
KA3VLG BERKELEY SPRINGS ..... WV
WS8L CHARLESTON .....123.0 WV

223.1200 / 224.7200

W4UWH CLAYTON ..... GA
WR4AMS PRESTONSBURG ..... KY
WA4DAN TRENTON ..... NC
WD4KHP HAYMARKET ..... VA
KC8LRN SLATY FORK .....91.5 WV

223.1400 / 224.7400

N4KVC DALTON ..... GA
KD4WAR BURNSVILLE ..... NC
N4NCK OXFORD ..... NC
N4PYI NASHVILLE .....100.0 TN
WD4KHP BERRYVILLE ..... VA
KC4JGC NORFOLK .....100.0 VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N8FWL BECKLEY - SOUTH .....123.0 WV
223.1600 / 224.7600
W4BOC DECATUR ..... GA
KB7BTU PLYMOUTH .....131.8 NC
W4EXU SALISBURY ..... NC
WQ4E GREENBRIER ..... TN
K4PCK KNOXVILLE ..... TN
WR3S S. PITTSBURG ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
223.1800 / 224.7800
KC4KLW CEDARTOWN .....179.9 GA
WB5OWY VICKSBURG ..... MS
N4IV EDEN .....103.5 NC
KO4BR ORANGEBURG ..... SC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KOG MEMPHIS ..... TN
W4IY WOODBRIDGE ..... VA
223.2000 / 224.8000
WA4SSJ CONYERS .....103.5 GA
KR4BD LEXINGTON ..... KY
KD4WJD ZEBULON .....88.5 NC
WZ4SC FORT MILL ..... SC
WQ4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN
KC8LRN LEWISBURG .....131.8 WV
KA1OKQ CONCORD, NH .....103.5 ZZ
223.2200 / 224.8200
KK4C ATLANTA .....77.0 GA
WR4MG HAWKINSVILLE .....107.2 GA
WR4AMS HAZARD ..... KY
N4DWU CANTON ..... NC
KD4LHP KERNERSVILLE .....107.2 NC
N4YET HARRISONBURG ..... VA
223.2400 / 224.8400
W4TL GAINESVILLE .....203.5 GA
WR4MG WARNER ROBINS ..... GA
WA4NC BANNER ELK ..... NC
WA4DAN GRIFTON ..... NC
KC4WGH COALFIELD .....88.5 TN
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... VA
N8FWL ANSTED .....123.0 WV
223.2600 / 224.8600
KC4JNN ALPHARETTA .....100.0 GA
K4NOC BISHOPVILLE ..... SC
KQ4Q PEARISBURG .....107.2 VA
223.2800 / 224.8800
WD4LUQ YORKVILLE .....77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
K4AIH ANDRWS/ROBINSVL ..... NC
K4DQ FANCY GAP .....100.0 VA
223.3000 / 224.9000
W4LMA MARIETTA ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
N4EQY COLUMBIA ..... SC
W4WC GREENEVILLE .....100.0 TN
WD9JGI SWEETWATER .....127.3 TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA
223.3200 / 224.9200
W4CSX SNELLVILLE .....100.0 GA
W4NYK GRNVL/DOWNTWN .....88.5 SC
W4RRG SIGNAL MT ..... TN
WA8Q BLUEFIELD ..... VA
223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
KB4GDS WALESKA ..... GA
AD4RU IRVINE ..... KY
N4JJ FLORENCE ..... SC
WB4NKM GREENEVILLE ..... TN
WA4PCD NASHVILLE ..... TN
AB4EM ROANOKE/CAHAS MT ... VA
223.3600 / 224.9600
K4RFL ATLANTA/MARIETTA .....100.0 GA
KC4ZTJ CHERRYVILLE ..... NC
W3PS GOLDSBORO .....156.7 NC
N4QVI GREENSBORO ..... NC
N4UQS HENDERSONVILLE ..... NC
WR3S SE NASHVILLE ..... TN
W3PS CHESTER, PA .....156.7 ZZ
223.3800 / 224.9800
K4JSR CUMMING ..... GA
WR4AMS LONDON ..... KY
W4LG CHESAPEAKE ..... VA

440 MHZ

445.0500 / 145.3300
N8YIB DANS MT ..... WV
434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SO DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
WD4ATV JOHNSON CITY/BUF ..... TN
W4AGSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV
439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
W4PPN CHARLOTTE ..... NC
N4GUP LEXINGTON ..... SC
WZ4O SUMTER ..... SC
AF4TZ NASHVILLE ..... TN
N4XND GLOUCESTER ..... KY
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC
438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA
438.8000 / 433.2000
WD4ICX FANCY GAP ..... VA
446.2500 / 441.2500
NQ4Y MONTEAGLE MT. ..... TN
446.3500 / 441.3500
KD4DXR #WALESKA ..... GA
WA4USN KNIGHTSVILLE ..... SC
446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC
446.5250 / 441.5250
N4KJU PAINTSVILLE .....127.3 KY
KY4SP WEBSTER ..... KY
KG4AQH GREELEYVILLE ..... SC
446.6000 / 441.6000
WA4AYB RICHMOND ..... VA
446.6250 / 441.6250
W4ERT TAYLORSVILLE .....123.0 NC
446.8000 / 441.8000
KC4YNF ACWORTH .....77.0 GA
AF4MI PEMBROKE .....123.0 GA
446.8250 / 441.8250
KA4MLK ROME .....100.0 GA
446.8500 / 441.8500
KF4QLF GRIFFIN ..... GA
W4WOC SUGAR VALLEY .....103.5 GA
KY4DJ FORT WRIGHT .....107.2 KY
446.8750 / 441.8750
K4NRC NEWNAN .....156.7 GA
KD4TZZ MURFREESBORO .....107.2 TN
446.9000 / 441.9000
WB4GQX CUMMING .....141.3 GA
N2QJI ZIRCONIA .....94.8 NC
446.9250 / 441.9250
W4CSX DALLAS .....162.2 GA
446.9500 / 441.9500
KE4OKD SANDY SPRINGS .....156.7 GA
K4TUE NEWPORT .....107.2 VA
446.9750 / 441.9750
WB4ULK COLUMBUS ..... GA
KG4BTN GREENSBORO .....162.2 NC
447.0000 / 442.0000
WB6RTH ALPHARETTA .....107.2 GA
AF4UL MACON .....100.0 GA
N4ORL LUSVILLE ..... KY
AI4M LAFFNEY .....114.8 SC
K4TTC HOHENWALD ..... TN
K4BTL MARYVILLE ..... TN
W4LG GASBURG ..... VA
W3CSG WINCHESTER ..... VA
WB3T WYTHE/WALKER MT .....103.5 VA
447.0250 / 442.0250
W4CML ATLANTA .....127.3 GA
KD4KMK YADKINVILLE .....100.0 NC
447.0500 / 442.0500
N1KDO MARIETTA .....107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND .....107.2 NC
KD4XV JASPER .....127.3 TN
WB4SQC JOHNSON CITY .....100.0 TN
WA4BJY MEDINA ..... TN
447.0250 / 442.0750
W8BI.A ROSWELL ..... GA
447.0750 / 442.0750
N4VOS STANTON ..... KY
KD4PBS APEX .....114.8 NC
K4JLA COLUMBUS .....103.5 NC
N4JDW WILMINGTON .....88.5 NC
KJ4BJ DAYTON ..... TN
KA4BNI LEXINGTON .....107.2 TN
KF4UCI CHARLOTTESVILLE .....151.4 VA
447.1000 / 442.1000
K4HUM NORCROSS .....100.0 GA
N4RBL LOUISVILLE AREA ..... KY
N4IV WENTWORTH .....103.5 NC
K4USC UNION ..... SC
KF4TNP LEWISBURG .....107.2 TN
WD4PAX MILAN ..... TN
WA4TXE STERLING ..... VA
447.1250 / 442.1250
KD4GRU BLUERIDGE .....146.2 GA
KG4IWI HENDERSON .....88.5 NC
WT4F PICKENS ..... SC
KB4YFV HILLSVILLE .....103.5 VA
447.1500 / 442.1500
N4SE ROSWELL/BELL .....100.0 GA
KJ4DRTR DORTON .....*67.9 KY
W4UNC CHAPEL HILL .....131.8 NC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN .....107.2 TN
WD4RBJ PULASKI .....118.8 TN
KA4CBB CHESTERFIELD ..... VA
447.1750 / 442.1750
N4BZJ DALTON .....118.8 GA
K4NGQ FRANKFORT .....67.0 KY
KC4UBR LINVILLE .....136.5 NC
WD4NVN ROXBORO .....156.7 NC
WA4US WILMINGTON ..... NC
KU4ZS SPARTANBURG .....123.0 SC
W4GMM MEMPHIS .....107.2 TN
447.2000 / 442.2000
KF4SKT BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
N5DWU ELLISVILLE .....167.9 MS
WA4US WILMINGTON ..... NC
N7GZT COLUMBIA .....162.2 SC
WM4T GRAY .....100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW .....103.5 VA
W4OVH MANASSAS ..... VA
447.2250 / 442.2250
WB6RTH #ATLANTA .....107.2 GA
WJ9J RCKWOOD/OZONE ..... TN
NO4Q WAVERLY .....110.9 TN
447.2500 / 442.2500
KE4HAC MADRAS .....141.3 GA
N5DWU ELLISVILLE .....167.9 MS
KR4PQA GREENVILLE ..... SC
WD4DES CLEVELAND .....118.8 TN
WA4PGI COVINGTON .....100.0 VA
447.2750 / 442.2750
K4DDH MACON .....100.0 GA
N4ZCM AUBURN ..... NC
KO0NTZ LEXINGTON .....146.2 NC
KF4CFO ETOWAH .....141.3 TN
KE4PFW HENDERSON ..... TN
K8VKB RICHWOOD .....123.0 WV
447.3000 / 442.3000
KW4KW RINGGOLD .....118.8 GA
WW4T STATHAM ..... GA
KC4QPR MORG/WALKER TOP .....94.8 NC
KC4ED SUMMERVILLE ..... SC
WA4UCE COOKEVILLE .....107.2 TN
KC4VDZ RICHMOND .....114.8 VA
447.3250 / 442.3250
W4JLG MABLETON ..... GA
WM4MD MIDDLESBORO .....67.0 KY
WD4ICX ASHEBORO ..... NC
K2IMO ELM CITY .....88.5 NC
447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KD4TAH RUSSELLVILLE .....136.5 KY
KF5TU LAKE GASTON .....100.H NC
WA4YGD LINCOLNTON ..... NC
KF5TU MCKINNEY, TX .....100.0 ZZ
447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRC SHELBYVILLE ..... KY
WA4PXV HICKORY ..... NC
KG4CEO CUMBERLAND FU .....107.2 TN
447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
KF4JJD GARRETT .....79.7 KY
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4QHF PICKENS/SCRS HD .....127.3 SC
KF4VJ LYNCHBG/JACK MT.....107.2 VA
447.4250 / 442.4250
K4SWS EATONTON ..... GA
KC4FIE MADISONVILLE ..... KY
K4AE LEXINGTON .....107.2 NC
AF4ZJ CHAT/WALDEN ..... TN
KA4BNI JACKSON .....107.2 TN
447.4500 / 442.4500
W4CML SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA .....151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NED CLEVELAND .....88.5 TN
W8MOP BLUEFIELD ..... VA
WA3KOK CHESTERFIELD .....107.2 VA
WA3KOK BERKELEY SPRINGS..... WV
447.4750 / 442.4750
K4NVG LAVONIA .....203.5 GA
W4RRG LOOKOUT MT. .....67.0 GA
W1MEG MARLOW .....114.8 GA
KE4DGP WILKESBORO .....107.2 NC
AG4AN FOREST ..... VA
447.5000 / 442.5000
AB4KN PEACHTREE CITY .....77.0 GA
KE4PMP VIDALIA .....88.5 GA
KB4RYM LOUISVILLE ..... KY
K4GFY MOREHEAD ..... KY
KG4JIA CHERRY MTN .....94.8 NC
K4YNY WILMINGTON .....88.5 NC
WB4HAP KNOXVILLE .....103.5 TN
W4CA ROANOKE/POOR MT .... VA
447.5250 / 442.5250
N4XQM ATLANTA .....110.9 GA
KY4JD FORT WRIGHT .....123.0 KY
N2QJI CONCORD .....94.8 NC
WB3T WYTHEVILLE .....103.5 VA
447.5500 / 442.5500
WB4JEH CONYERS .....151.4 GA
WD4ELX LOUISVILLE ..... KY
WA4TOG ASHEVILLE ..... NC
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND .....127.3 VA
447.5750 / 442.5750
WA4BPY CUMMING .....79.9 GA
AE4LW MADISONVILLE .....100.0 KY
W4MLU RALEIGH ..... NC
KU4RT HENDERSON ..... TN
NU5O MEMPHIS .....77.0 TN
WB4IVB JONESVILLE .....100.0 VA
447.6000 / 442.6000
KD4FOC DUBLIN .....77.0 GA
WA4OKJ MARIETTA .....100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL .....151.4 NC
WA4PXV VALDESE ..... NC
N8ITF SPRINGFIELD .....107.2 TN
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA
447.6250 / 442.6250
WA4BP GAINESVILLE .....131.8 GA
KD4CDX HARLAN .....100.0 KY
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN
447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
W4RRG LOOKOUT MT .....100.0 GA
KD4GEU ASHEVILLE ..... NC
WA17MS BEDFRD/APL ORCH .....100.0 VA
447.6750 / 442.6750
KE4PVE ATLANTA .....100.0 GA
KD4BOH ROCKPORT .....77.0 KY
KA2NAX MORAVIAN FALLS .....88.5 NC
NC4SU RALEIGH .....100.0 NC
WA4MPZ BLUFFTON .....100.0 SC
KA4BNI CONCORD .....107.2 TN
447.7000 / 442.7000
KC4ZGN ELLIJAY .....77.0 GA
W4MAZ MACON .....97.4 GA
K4NLX SAVANNAH ..... GA
WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE ..... VA
KD4QNA SPOTSYLVANIA ..... VA
447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE .....151.4 KY
N5LRQ VOSSBURG .....167.9 MS
AA4LB SIMPSONVILLE .....100.0 SC
W4RDM COLUMBIA ..... TN
KE4MBR DECATUR .....141.3 TN
KF4RMT BASSETT ..... VA
KB8PCW GILBERT ..... WV
447.7500 / 442.7500
N3DAB JASPER .....141.3 GA
KD4HEY ANDERSON .....162.2 SC
WD4KZK ROANOKE/MILL MT .....107.2 VA
447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
KG4LWG GASTONIA .....123.0 NC
KF4CDR CHARLESTON ..... SC
AE4PZ MOUNTAIN REST .....127.3 SC
KE4CIF PULASKI ..... VA
447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE .....100.0 NC
WD4LUR LAKE CITY .....100.0 TN
KA4BNI SELMER .....107.2 TN
KB4MIC GUM SPRING ..... VA
447.8250 / 442.8250
W1CP CLAYTON .....162.2 GA
KC4ENL HARTSVILLE .....167.9 GA
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN
447.8500 / 442.8500
WB4HJG LAWRENCEVILLE .....82.5 GA
W2HR GILBERTSVILLE .....103.5 KY
AG4AZ BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
K4MQF SPOTSYLVANIA ..... VA
WB8NSL PENNSBORO .....103.5 WV
447.8750 / 442.8750
K4RFL ATLANTA/MARIETTA .....100.0 GA
W3LAP COCHRAN .....77.0 GA
W4GSO GREENSBORO .....88.5 NC
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN .....136.5 TN
KF4OCK LORETTO .....203.5 TN
447.9000 / 442.9000
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE .....88.5 NC
N4WT CHATT/HIXSON ..... TN
KA1FFO CLARKSVILLE .....110.9 TN
KE4CES JACKSON .....114.8 TN
W4MT NEWPORT NEWS .....100.0 VA
447.9250 / 442.9250
KC4YHM EATONTON ..... GA
K4CH LEXINGTON .....107.2 NC
WD4OAR WHITE OAK MT .....100.0 TN
KB8QKM CHARLESTON .....71.9 WV
447.9500 / 442.9500
AA4X ATHENS .....179.9 GA
N4XGI ST SIMONS ISLAND .....131.8 GA
W4ERT TAYLORSVILLE .....151.4 NC
KC4YLL PARIS .....123.0 TN
AB4FU LYNCHBURG ..... VA
K4DA NORFOLK .....131.8 VA
447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
KF4DAR KERNERSVILLE .....107.2 NC
WK4W LITTLE MT. .....162.2 SC
KB8KSP ABINGDON .....100.0 VA
448.0000 / 443.0000
W4DRC CHATSWORTH ..... GA
KE4ZRT DOUGLAS .....141.3 GA
KT4GB BARDSTOWN ..... KY
KD4DVI PADUCAH .....179.9 KY
KI4RK PIKEVILLE ..... NC
W4ZJM MEMPHIS .....*# TN
N4LXI HERNDON ..... VA
KM4X WHITETOP MT .....103.5 VA
N8HZ HUNTINGTON ..... WV
W3PS LINWOOD, PA .....156.7 ZZ
448.0250 / 443.0250
W4CML ATLANTA .....127.3 GA
KD4IEZ DUBLIN .....156.7 GA
KE4OOL LEXINGTON .....123.0 KY
WB4IKY GIBSONVILLE .....107.2 NC
N4UAG KNOXVILLE ..... TN
KA9YEZ WHEELING .....77.0H WV
448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3PS GOLDSBORO .....156.7 NC
WB4PUB #NASHVILLE .....107.2 TN
N8FWL BECKLEY .....123.0 WV
W3PS CHESTER, PA .....156.7 ZZ
448.0750 / 443.0750
WA4EOC CANTON ..... GA
WX4EMA #MACON .....156.7 GA
WR4BEG SOPHIA/BRANDLEMAN..... NC
KA4AZQ KNOXVILLE .....100.0 TN
448.1000 / 443.1000
N4KHQ DAHLONEGA .....100 GA
N4WJS OWENSBORO .....110.9 KY

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KE4QOX SAURATOWN MT 88.5 NC
KF4TNP BRICK CHURCH 167.9 TN
KA4JXT MEMPHIS 107.2 TN
N8SOR DALE CITY VA
KN4YM POWHATAN VA
KE4QOX BECKLY/OAK HILL 107.2 WV

448.1250 / 443.1250
KG4PUW STOCKBRIDGE 100.0 GA
KU4ML FOSTER KY
KB4PQA CRAB CREEK TWP NC
WA4NNA RALEIGH NC
KT4OL CHATTANOOGA TN
KT4OL CHATTANOOGA TN
KC4PRD GOODLETTSVILLE 107.2 TN
KA4JXT HICKORY VALLEY 107.2 TN
KA4JXT MEMPHIS TN
WB3T MARION 103.5 VA

448.1500 / 443.1500
KF4XH BYRON GA
W4PME ROSWELL/BELL 100.0 GA
KD4PBC MIDDLESBORO 146.2 KY
W4HG SALISBURY 136.5 NC
KD4PBC GATLINBURG 146.2 TN
KD4PBC TRI-CITIES 146.2 TN
K8MHR ST. ALBANS WV

448.1750 / 443.1750
N4GIS CARTERSVILLE GA
KC4COV FLORENCE 131.8 KY
KD4LHL LAURENS 146.2 SC
KG4GCZ MT PLEASANT 107.2 TN
WG8S PATRICK SPRINGS VA

448.2000 / 443.2000
K4YC IVEY 88.5 GA
KD4APP PINE LOG MT 103.5 GA
KC4FWC #STANFIELD 77.0 NC
KD2LH YOUNGSVILLE 88.5 NC
W4WC GREENEVILLE 100.0 TN
W4BS MEMPHIS 107.2 TN
KB4YKV AMELIA VA

448.2250 / 443.2250
WA4DIW JONESBORO GA
KD4TAH FRANKLIN KY
KS4TO WADDY KY
N4ZCM RALEIGH NC
W8LG BECKLEY/BOLT WV

448.2500 / 443.2500
KC4JNN #BISKEY MTN 100.0 GA
KJ4VF DORTON KY
N4JEX CHINA GROVE 136.5 NC

448.2750 / 443.2750
KC4KLW ROCKMART 179.9 GA
KF4TLA ASHEVILLE 103.5 NC
WA4WTX ROGEMNT/RED MT 100.0 NC
WA4AWI LEBANON 107.2 TN

448.3000 / 443.3000
WW4GA ATHENS GA
KB5DZJ WIGGINS 167.9 MS
KC4KUL ARCHDALE NC
KB4TOH COLUMBIA 131.8 NC
AI4M FOREST CITY 114.8 NC
KA7UEC COLLIERVILLE 107.2 TN
WA4KJH GATLBURG/COVE MT 127.3 TN
WS8L CHARLESTON 123.0 WV

448.3250 / 443.3250
N4JMD STOCKBRIDGE GA
WA4CMO FRANKFORT KY
KF4IXK KERNERSVILLE 131.8 NC
WB3T DISMAL PEAK 103.5 VA

448.3500 / 443.3500
N4YYD FT. MT/CHATSWTH 71.9 GA
K4ULW LOUISVILLE SW KY
W5CJR PETAL MS
N4JEX KANNAPOLIS 136.5 NC
W4IQQ GRNVLE/PARIS MT SC
WA4AWI DEASON 107.2 TN
K4GX ROGERSVILLE TN
KA1OKQ PETERBORO, NH 110.9 ZZ

448.3750 / 443.3750
KC4AQS JASPER 100.0 GA
W1IFL RALEIGH NC
KF4ZIG INDEPENDENCE 103.5 VA
KC8SDN RICHWOOD 123.0 WV

448.4000 / 443.4000
WB4GWA CONCORD 118.8 GA
K4XYZ BUCKHORN LAKE 103.5 KY
N0SU BRYSON CITY 151.4 NC
WB4GUG SAURATOWN MT 107.2 NC
AD4DN WILMINGTON 88.5 NC
AC4WW AIKEN 107.2 SC
WA4QWW MEMPHIS TN

448.4250 / 443.4250
KD4CPO BRUNSWICK GA
AE4JO ETOWAH VALLEY 103.5 GA
KB4MDE JASPER GA
KD4RTR MILLARD KY
WA1YYN RES. TRIANGLE PK 156.7 NC

448.4500 / 443.4500
WC4RAV COBB COUNTY 103.7 GA
KB4VAK HIGH PT/LOOKT MT 77.0 GA
AE4NU COX'S CREEK 151.4 KY
KC5LCW GAUTIER 123.0 MS
N5WXD WEST POINT MS
N4VOZ STATESVILLE NC
KC4RBA LYNCHBURG 186.2 VA

448.4750 / 443.4750
W4EEE BOGART GA
KC4COV BEAVERLICK 131.8 KY
KE4UIU CANTON 156.7 NC
W4UNC CHAPEL HILL 131.8 NC
WZ4SC FORT MILL SC
KB8YDU RICHWOOD WV

448.5000 / 443.5000
N4MTA MARIETTA GA
WD9EQC LOUISVILLE KY
KF4BRO MAYSVILLE 123.0 KY
WB4UBY META KY
W5SAR WAYNESBORO MS
AB4JJ WEST JEFFERSON 107.2 NC
N5CWH LEESVILLE 162.2 SC
KD4CWB KNOXVILLE TN
KM4FI TYSONS CORNER VA

448.5250 / 443.5250
N4PQR KNOXVILLE 114.8 GA
KC4KLW ROME 179.9 GA
KD4EVB BURLINGTON 107.2 KY
N4EUX LENOIR/CAJAH MT NC
KD4MJO SOUTH HILL 100.0 VA

448.5500 / 443.5500
KK4IN DACULA GA
KE4WLP GRIFFIN GA
N4HZX GRAEFENBURG KY
W5SAR WAYNESBORO MS
KC4XE WILKESBORO NC
WB4LRD CHATTANOOGA TN
N3ELM WILLIAMSBURG 100.0 VA

448.5750 / 443.5750
KD4NTF CEDARTOWN 107.2 GA
NU5O SOUTHAVEN 77.0 MS
WA4PXV AIR BELLOWS GAP NC
KA6UHV COLLEGEDALE 131.8 TN
W4LYR LEBANON 100.0 TN
KC8AUY RICHWOOD WV

448.6000 / 443.6000
KA5WZY ATLANTA 146.7 GA
KA4UHL NANCY 100.0 KY
W5PPB RAYMOND 77.0 MS
N4DWU MT MITCHELL 114.8 NC
W4TLB BIG SANDY 114.8 TN
W8CXD FOREST 136.5 VA
KC8PFI CEREDO WV

448.6250 / 443.6250
K4MDS GRAY GA
KF4OYP JASPER 100.0 GA
KF4NTQ GEORGETOWN KY
AA5RZ JACKSON, EAST MS
W4EUS RES. TRIANGLE PK NC
KE4EAN COWPENS 136.5 SC
KA7UEC COLLIERVILLE 107.2 TN
AD4QG EVA TN
KC4MJN JAMESTOWN 100.0 TN
WZ8E BLUEFIELD 100.0 WV

448.6500 / 443.6500
W4CML ATLANTA 123.7 GA
N4WJS OWENSBORO 110.9 KY
K4AIH ANDRWS/ROBINSVL NC
KD4IVAR BURNSVILLE NC
KG4BTN GREENSBORO 88.5 NC
WA4AXH NOLENSVILLE TN
KG4NJA NASA LANGLEY 173.8 VA

448.6750 / 443.6750
N4GWO BARNESVILLE GA
KD4FRP CROWDER'S MT NC
AD4LR PARIS TN
KD4IBW SEVIERVILLE 100.0 TN
K4YD BENT MT 107.2 VA

448.7000 / 443.7000
W4TIY DALLAS GA
KY4KY BROOKS 151.4 KY
K5PN HATTIESBURG 136.5 MS
KE4QOX KVILLE/H POINT 103.5 NC
WA4LBT LOCUST NC
N4JEH NASHVILLE 107.2 NC
K4VVM BARTLETT 107.2 TN
KB4OTK LAFOLLETTE TN
KB8UJG PRINCETON 123.0 WV

448.7250 / 443.7250
KB2DZA CONYERS 77.0 GA
KE5L PICAYUNE 179.9 MS
K4GWH GRAHAM 156.7 NC
KC4KPJ CLOVER 127.3 SC
W1ARN NASHVILLE 107.2 TN
KG4KIJ SWEETWATER 136.5 TN
N8SNY WELCH WV

448.7500 / 443.7500
K4GO COVINGTON 146.2 GA
KC4ZTI GASTONIA/CRWDR NC
WB4EDS ALAMO TN
WA4OHX HAMPTON 100.0 VA
KC3FB PATRICK SPRINGS 77.0 VA
N8LH ROCKPORT 123.0 WV

448.7750 / 443.7750
N4YF SUGAR HILL 82.5 GA
KF4INN VERSAILLES KY
WB4SRV CLAREMONT 118.8 NC
KD4JFN HAW RIVER 107.2 NC
KF4Y LAURENS 141.3 SC
KA4MHJ SPENCER 123.0 TN

448.8000 / 443.8000
N4NFP ATLANTA/MARIETTA 151.4 GA
K4MSU MURRAY 110.9 KY
N5IAT NATCHEZ MS
KC4QZL MORGANTON NC
W4HNK MT PLEASANT 123.0 SC
KA4AZQ KNOXVILLE 100.0 TN
WA1ZMS BEDFRD/APL ORCH 100.0 VA
W4POX PORTSMOUTH VA
KA8OTX OAK HILL WV

448.8250 / 443.8250
KD4HPD STONE MTN 123.0 GA
KD4EVB FALMOUTH 107.2 KY
K4AVY PRESTONSBURG 127.3 KY
N5ZNS GLOSTER MS
KC4FWC #ROCKINGHAM 77.0 NC
KC4KRM SHELBYVILLE TN
KF4RMT MARTINSVILLE 107.2 VA
WB4KZI PETERSBURG VA

448.8500 / 443.8500
K4PLM #WALESKA 192.8 GA
KC4YOZ DALLAS CHLT 100.0 NC
WA4US WILMINGTON NC
KE4OVN DRESDEN 107.2 TN
N4ULM FRANKLIN TN
KQ4I DANVILLE VA
KB8TGK HUNTINGTON 88.5 WV

448.8750 / 443.8750
KD4LXT ATLANTA GA
KD4KPW PINEY KNOB 103.5 NC
KD4KPV MCKENZIE TN
W4DUM WILLIS VA
W8SP FAIRMONT WV

448.9000 / 443.9000
K4RHJ FLOWERY BRANCH 100.0 GA
KC4KZT DAVID 167.9 KY
W4UA HIGH POINT NC
W4GWD GREENWOOD 107.2 SC
KD4HII CHATTANOOGA TN
W4KOC WHITE HOUSE 107.2 TN

448.9250 / 443.9250
KQ4XL MONROE 123.0 GA
W4BAB RINGGOLD GA
N4EQT LAWRENCEBURG 107.2 KY
KE4KNZ MCEWEN TN
K4DHT MOUNTAIN CITY 103.5 TN
KF4AGO SOUTH BOSTON VA

448.9500 / 443.9500
KA4UFM DECATUR 110.9 GA
W4LJM CANE VALLEY KY
N5ZDF HAZLEHURST 100.0 MS
KD4OWV CHARLOTTE NC
WA1YYN HILLSBOROUGH 114.8 NC
WA4US WILMINGTON NC
KC4FV ARNOLD A.F.B. TN
KD4OBX KNOXVILLE TN
N4ER MEMPHIS TN

448.9750 / 443.9750
KB4NPO REX GA
K4TDO HAZARD 103.5 KY
WA4WGY MAYODAN NC
N4VDE LIBERTY 103.5 SC
WR3S LAVERGNE TN
KA4WJS ROCKWOOD TN
N8FIP WESTON WV

449.0000 / 444.0000
WB4QDX LAWRENCEVILLE 127.3 GA
WD4AFY #SAVANNAH GA
AD4RU IRVINE KY
KG5YV CLINTON 100.0 MS
K4JEQ HICKORY NC
KI4RK SELMA NC
W4ULH FLORENCE SC
WD4BKY GALLATIN TN
KD4CWB KNOXVILLE 100.0 TN
W4CAR CHESAPEAKE 162.2 VA
KC8PJ MULLENS WV

449.0250 / 444.0250
W4CML LAWRENCEVILLE 127.3 GA
AE4PO WAYCROSS 141.3 GA
KD4JFN HIGH POINT 107.2 NC
KC4WHL HARRIMAN TN
K4RDK MEMPHIS TN
WB3T ABINGDON 103.5 VA

449.0500 / 444.0500
N4NEQ ATLANTA/MARIETTA 151.4 GA
KE4NLL SALYERSVILLE 127.3 KY
KB4PTJ WILLIAMSBURG 100.0 KY
N4PYI NASHVILLE 107.2 TN
WB3T FANCY GAP 103.5 VA
KB4OLM STUARTS DRAFT VA

449.0750 / 444.0750
W4FWD CARROLLTON 131.8 GA
KB8SBN INDEPENDENCE 110.9 KY
KD4BOH ROCKPORT 77.0 KY
K4CCR ANDSN MT/DENVER 88.5 NC
WA4TCC SCOTLAND NECK 156.7 NC
KG4JJB LEWISBURG 107.2 TN
KC4PDQ MARYVILLE 100.0 TN
KF4ATY MEMPHIS 107.2 TN
KD4TBC GRETNA/SMITH MT 123.0 VA
K8OJC HURRICANE WV

449.1000 / 444.1000
WR4CW ALTNATA/GLENRI 100.0 GA
W4WSM BOWLING GREEN KY
N4UL LOUISVILLE 173.8 KY
KB5BRZ MERIDIAN 131.8 MS
WR4AGC DURHAM NC
KC4AC LANCASTER SC
W4AM CHATTANOOGA TN
KE4FH JOHNSON CITY TN
KA4JXT MEMPHIS TN
KE4CKJ STAUTON/EL KNOB 131.8 VA
KB4ZIN WILLIAMSBURG VA
N8ILO PARKERSBURG (OH) WV

449.1250 / 444.1250
KE4PVE PENDERGRASS 100.0 GA
KB8QLC LEXINGTON 88.5 KY
WB4GUG MCLEANSVILLE NC
KC4ECD LAFAYETTE 107.2 TN
KA4JXT MEMPHIS TN
N8LVE BECKLEY WV
N8RCG KEYSER 103.5 WV

449.1500 / 444.1500
W4PME ATLANTA/BELL 100.0 GA
WB4IVB MIDDLESBORO 100.0 KY
WD5BJT CLERMONT HARBR 77.0 MS
WB5YCR NEW ALBANY MS
W4ATC CLAYTON 100.0 NC
AG4EI GASTONIA/CRWDR NC
W4GL SUMTER 123.0 SC
KE4LQY CHATTANOOGA TN
AF4TZ NASHVILLE 107.2 TN
WB4MJF ARLINGTON VA
KI4ZR LEXNGTN/ROCK MT VA
KA1OKQ PEMBROKE, NH ZZ

449.1750 / 444.1750
KE4PVE COVINGTON 100.0 GA
KC4COV COVINGTON 131.8 KY
W4FBC LILLINGTON 118.8 NC
W2GLJ GERMANTOWN TN
KC4NNN KNOXVILLE TN
K4NRW ROANOKE 103.5 VA
N8FMD CLARKSBURG 103.5 WV

449.2000 / 444.2000
WA4DB #GAINESVILLE 107.2 GA
KR4PF MARION 100.0 KY
KD4RTR PIKEVILLE KY
WB4YNF AHOSKIE NC
KE4QEA #KING/SAURATOWN 100.0 NC
WA4US WILMINGTON NC
KF4GHC COLUMBIA 156.7 SC
KD4HII CHATTANOOGA TN
N4ARK NASHVILLE TN
WB4VWR ENON VA
N8ZVK FLATWOODS WV

449.2250 / 444.2250
KE4SJO WOODSTOCK GA
KF4RBD RINEYVILLE 151.4 KY
K4GWH GREENSBORO 146.2 NC
N4ARK NASHVILLE 114.8 TN
WV8AR CHARLESTON 123.0 WV

449.2500 / 444.2500
W4BOC DECATUR GA
KF4DC GLASGOW/CVCTY KY
WA4KNI HENDSVL/BERWLW NC
N4EWS LOUISBURG 88.5 NC
K4SER WILLIAMSTON 131.8 NC
WA4PAJ BARTLETT TN
WG4E GREENBRIER TN
WA4TFZ CHARLOTTESVILLE 151.4 VA
WG4R MEADOWS OF DAN 103.5 VA
N8ZAR BUCKHANNON WV

449.2750 / 444.2750
K4JLG CORNELIA 100.0 GA
KE4BB CULLODEN 123.0 GA
KF4IFC CORBIN 79.7 KY
KU4MJ DAWSON SPRINGS KY
W4NC WINSTON-SALEM NC
W4GZX CLEVELAND TN
WA4AXH LEBANON TN
W4RDF ENON 114.8 VA
KC8CSE DUNMORE 123.0 WV

449.3000 / 444.3000
KC4GZX #ATHENS/CRAWFORD 127.3 GA
KC4YNY HOGANSVILLE GA
KD4RTR ELKHORN CITY 167.9 KY
KG4JNM LOUISVILLE 156.7 KY
N4DRL BYHALIA MS
KC5RC HEIDELBERG 100.0 MS
WA4VTX ELIZABETH CITY 131.8 NC
N4MNK CHARLESTON SC
WB4GBI KNOXVILLE TN
WA4BZU NASHVILLE 107.2 TN
K4BW ACCOMACK 156.7 VA
KF4LWJ FALLSCHURCH VA
KI4ZR LEXINGTON VA

449.3250 / 444.3250
KF4BMG MARIETTA 79.7 GA
W4NYR SHELBY NC
WA4BZU CLARKSVILLE 107.2 TN
KB4KSL KNOXVILLE TN
WB3T ROANOKE 103.5 VA
KA2ZXP GLENVILLE WV

449.3500 / 444.3500
KE4PVE NEWNAN 100.0 GA
WR4SG VALDOSTA 141.3 GA
K4CO WALTON 123.0 KY
WB4IKY GIBSONVILLE 107.2 NC
KR4LO GRANTSBORO NC
WD4BKY GALLATIN 114.8 TN
KD4CLA PIGEON FORGE 156.7 TN
N4CH BEDFORD VA
WB8YST CHARLESTON 107.2 WV

449.3750 / 444.3750
KB4IZF JASPER 103.5 GA
KD4DAR PIKEVILLE KY
KB5HAV PEARL 88.5 MS
N4DTR FRANKLIN 131.8 NC
KB4WGA HENDERSON 100.0 NC
KB4YTM HUNTINGDON TN
KR4BT SPARTA 123.0 TN
N4OWU FANCY GAP 107.2 VA

449.4000 / 444.4000
WB4ULJ HAMILTON GA
WB4HJG LULA 71.9 GA
KD4YGK SHEPHERDSVILLE 203.5 KY
KC4COV WITHAMSVILLE 131.8 KY
WB4YZF FAYETTEVILLE 100HZ NC
WA4KOG MEMPHIS TN
N4PYI MT JULIET TN
KE4AJ OAK RIDGE 82.5 TN
N8HON MADISON VA
N8LVE ALDERSON/SAM BLK 100.0 WV
N8HON MADISON, VA ZZ

449.4250 / 444.4250
K4PE HELEN 127.3 GA
KD4EVB DRY RIDGE 118.8 KY
KF4QZN MORGANTOWN 179.9 KY
N4HAJ KINSTON 88.5 NC
NC4UC MONROE 94.8 NC
KC4NNN KNOXVILLE TN
WA4ISI ALTAVISTA 100.0 VA
KB8TJH SHIRLEY WV

449.4500 / 444.4500

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4DOC ATLANTA .....146.2 GA
KO4OT SIMPSONVILLE .....100.0 KY
KD5AHI ABERDEEN ..... MS
KB5LCL JACKSON .....141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH .....100.0 NC
N4DTR WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
W4CAT GALLATIN .....107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA
K4HR STAFFORD ..... VA

449.4750 / 444.4750

KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE .....179.9 KY
AD4BI PIKEVILLE ..... KY
KG4BTN GREENSBORO .....107.2 NC
N4ZKR SUMMITVILLE .....107.2 TN
AD4ZK NORFOLK .....127.3 VA

449.5000 / 444.5000

W4MM ALBANY ..... GA
KD4GPI ATLANTA .....110.9 GA
N4BZJ DALTON .....118.8 GA
KD4GMH MANCHESTER .....103.5 KY
W5LRG MERIDIAN .....107.2 MS
W4PAR LEXINGTON ..... NC
N4JEH TARBORO .....100.0 NC
K4NOC BISHOPVILLE .....123.0 SC
K4JP BRSTL/HOLSTN MT ..... TN
N4WAH MEMPHIS ..... TN
K4CQ LYNCHBRG/TOB MT .....136.5 VA

449.5250 / 444.5250

W4GR SNELLVILLE .....82.5 GA
KJ4VF GRETHEL ..... KY
N5NNI NEW HEBRON ..... MS
W4RNC RALEIGH .....88.5 NC
WA4ZRS WAXHAW .....94.8 NC
N4LV MYB BCH/BRKSVIL ..... SC
KD4IBW KNOXVILLE .....100.0 TN
WA4BGK NASHVILLE .....107.2 TN

449.5500 / 444.5500

WB4JEH CONYERS .....151.4 GA
K4DC LEWISPORT ..... KY
KC4DUU LEXINGTON ..... KY
N4GAS GASTONIA/SPCR MT ..... NC
KA4BQM ROANOKE RAPIDS .....192.8 NC
KG4BZN WALTERBORO .....123.0 SC
NO4Y COOKEVILLE .....107.2 TN
WF4Q MCNAIRY .....107.2 TN
WA4PCD NASHVILLE ..... TN
K4AF ARLINGTON ..... VA
KB4WTP COPPER RIDGE .....103.5 VA
W4QR HAMPTON .....167.9 VA
K4CQ WINTERGREEN .....136.5 VA

449.5750 / 444.5750

W4SCR DOUGLASVILLE .....88.5 GA
N4MVY PHELPS ..... KY
KC5CLM PORT GIBSON .....141.3 MS
KC4FWC BOONE/RICH MT .....77.0 NC
N4HAJ KINSTON .....88.5 NC
K2PJ MYRTLE BEACH .....85.4 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4WCK NASHVILLE ..... TN

449.6000 / 444.6000

W4PSZ FAYETTEVILLE .....77.0 GA
WA4NKL QUITMAN .....127.3 GA
KF4WMM BRUSHY FORK .....88.5 KY
N4NMC LOUISVILLE .....151.4 KY
KC4FIE MADISONVILLE ..... KY
WA4SJH SPRINGFIELD ..... KY
KB5CO JACKSON .....100.0 MS
W4BFB CHARLOTTE .....100.0 NC
KC4WXA OXFORD ..... NC
KT4YW NO. CHARLESTON ..... SC
WS4S COOKEVILLE .....107.2 TN
WB4HAP KNOX/ENGLSH MT ..... TN
WA4AUX PROSPECT .....118.8 TN
N4YET HARRISONBURG ..... VA
KA8TCF WESTON ..... WV

449.6250 / 444.6250

K4EDN BONAIRE .....82.5 GA
W4CBA CUMMING .....123.0 GA
KC5BMJ KINGSLAND .....118.8 GA
W1BPP MOULTRIE .....123.0 GA
KB4QFL HAWESVILLE ..... KY
KE4ISW RICHMOND .....192.8 KY
AB5MU NETTLETON .....192.8 MS
N5OCF RICHTON ..... MS
WB4DVN LUMBERTON ..... NC
WD4EOG CLEMSON UNIV. .....156.7 SC
WT4E COLLIERVILLE .....107.2 TN
KD4TUD JEFFERSON CITY ..... TN
WA4TOA NASHVILLE .....107.2 TN
WZ8E BLUEFIELD ..... VA
KF4LWH SOUTH BOSTON ..... VA

449.6500 / 444.6500

K4YC IVEY ..... GA
N4IBW SMYRNA ..... GA
WB4FUR STENNIS SPC CEN ..... MS
N5NBG WALLS ..... MS
NE4J MIDDLESEX .....179.9 NC
KJ4HF SALISBURY .....88.5 NC
WA4US WILMINGTON ..... NC
N4UHF LAKE MURRAY ..... SC
WB4NKM GREENEVILLE .....100.0 TN
W4CAT SHRT MT/MURFREB .....107.2 TN
N4EHJ RICHMND/CHLTVL ..... VA

449.6750 / 444.6750

KC4CBQ HIAWASSEE .....186.2 GA
N4YTR PEACHTREE CITY .....77.0 GA
KC4VYX ROBINSON CREEK ..... KY

KF4AWA SALVISA .....203.5 KY
N5PS GREENVILLE .....100.0 MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE .....88.5 NC
W4GS MYR BCH/CONWAY .....85.4 SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK .....107.2 VA
AB8WB GASSAWAY .....123.0 WV

449.7000 / 444.7000

WB4SBT BYRON .....103.5 GA
WD4LUQ DALLAS .....77.0 GA
KF4BJM VALDOSTA .....141.3 GA
WB4JM BOWLING GREEN .....136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON .....114.8 NC
N4JEH ROCKY MOUNT .....107.2 NC
AE4GA STATESVILLE .....94.8 NC
AG4UW CENTERVILLE .....107.2 TN
K4AU DANVILE/WHT OAK ..... VA
N4WWB GATE CITY ..... VA
WB8CQV HERNSHAW .....203.5 WV
K8LG MORGANTOWN ..... WV

449.7250 / 444.7250

KS4QM SUMMERVILLE .....123.0 GA
KD4AOZ WATKINSVILLE .....123.0 GA
KY4K HENDERSON .....203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT .....179.9 MS
KC4FWC BLADENBORO .....77.0 NC
KD4MMP WINSTON-SALEM .....107.2 NC
KC4KPJ ROCK HILL .....127.3 SC
WA4AKM FRANKLIN .....107.2 TN
WB0TMC JACKSON .....107.2 TN
N4CKB SEVIERVILLE .....123.0 TN
KF8FO LEWISBURG .....103.5 WV

449.7500 / 444.7500

KC4ELV CONYERS .....162.2 GA
WA8ZE LAKEMONT ..... GA
KC8ERN #ASHLAND .....88.5 KY
KE4AIF HOPKINSVILLE .....103.5 KY
WB9SHH MONTICELLO ..... KY
KD5GVU STARKVILLE ..... MS
NC4GC GASTONIA ..... NC
KD4JFN PITTSBORO .....146.2 NC
K4TC HENDERSON ..... TN
KF4VWJ HIXSON .....100.0 TN
N4PVI MT JULIET .....156.7 TN
WD4KQI FOREST ..... VA

449.7750 / 444.7750

N4NEQ ATLANTA/MARIETTA .....151.4 GA
N4MXC COCHRAN ..... GA
N4IWZ ALLEN .....123.0 KY
KC4UPE NICHOLASVILLE .....167.9 KY
K4JDR CARY .....100.0 NC
KR4EX OLD FORT ..... NC
WA4AKM GALLATIN .....107.2 TN
KF4UCI #CHARLOTTEVILLE ..... VA
WD4KZK SLINGS GAP .....107.2 VA

449.8000 / 444.8000

WA4ASI COVINGTON .....88.5 GA
W4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE .....131.8 NC
KF4LUC HICKORY .....94.8 NC
K4YEC REIDSVILLE .....107.2 NC
KD4QMS SOUTHERN PINES .....118.8 NC
K0JXI MEMPHIS ..... TN
KD4LP #MORRISTOWN ..... TN
W4PYI NASHVILLE .....110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL .....100.0 WV
W8CUL MORGANTOWN ..... WV

449.8250 / 444.8250

W4DOC ATLANTA .....146.2 GA
KC4UPE BEATTYVILLE .....192.8 KY
KC4VXR SALEM .....100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK .....100.0 NC
K4GWH RALEIGH .....146.2 NC
KE4FGW MARYVILLE .....100.0 TN
K5FE MEMPHIS .....107.2 TN
N4PYI SMITHVILLE .....107.2 TN
WA4ZBP STAUNTON .....131.8 VA

449.8500 / 444.8500

N4BZJ DALTON ..... GA
N4YXL GREENSBORO .....103.5 GA
KG4OGC HINESVILLE ..... GA
KF4QZN CANEYSEAVE .....179.9 KY
AA4NI NEBO ..... KY
AB5DU INDIANOLA .....136.5 MS
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
WN4Z ROCKY MOUNT .....131.8 NC
K4GMP WILMINGTON .....88.5 NC
WB4NNX HOHENWALD .....100.0 TN
WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS .....107.2 TN
KF4UDF WYLAND .....103.5 VA
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT .....107.2 VA
N4KOU VIENNA ..... VA
WB8ZER HUNTINGTON/CHAS .....131.8 WV

449.8750 / 444.8750

KE4UAS MCDONOUGH .....123.0 GA
KE4RJI TIFTON ..... GA
KC4UPE SALVISA .....167.9 KY
N5HTQ MCCOMB .....100.0 MS
KD4RAA RALEIGH .....100.0 NC
WB4U WINGATE .....127.3 NC
KD4UWA CHAT/MNTLAKE MT .....156.7 TN
WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG A MTN ..... VA

K4VP WEST MOBILE, AL ..... ZZ

449.9000 / 444.9000

KD4BOO AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS .....123.0 KY
KY4SP HUDSON .....179.9 KY
W4EWN NEW BERN .....100.0 NC
W4EJ WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
WA4CQK FANCY GAP .....100.0 VA
W4IY WOODBRIDGE ..... VA
N8SCS BELINGTON .....141.3 WV
KE4QOX LOGAN .....107.2 WV

449.9250 / 444.9250

WA4NNO ATLANTA ..... GA
WB4NFG IRWINTON .....77.0 GA
N4PJR JESUP .....141.3 GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KB4WGA DURHAM .....100.0 NC
K4OBX HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
N4NTO TARBORO .....118.8 NC
KC4RZ EASLEY/SAS MTN .....103.5 SC
KI4CB GEORGETOWN ..... SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN
KD4TZD KNOXVILLE ..... TN
KD4FWS FANCY GAP .....100.0 VA
WB8BON ROANOKE/TINKER M ..... VA

449.9500 / 444.9500

W4TL CLERMONT .....131.8 GA
WR4MG PERRY ..... GA
N4DUE LEXINGTON ..... KY
WB5YGI PHILADELPHIA ..... MS
N5VGK TUPELO .....192.8 MS
WA1WXL CHARLOTTE .....136.5 NC
KF4DWV GREENSBORO .....100.0 NC
KF4HFQ ROLESVILLE .....88.5 NC
KD4PBC CHARLESTON .....103.5 SC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....118.8 TN
K4GX GREENEVILLE ..... TN
WB4NNE MEMPHIS ..... TN
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON .....203.5 WV

449.9750 / 444.9750

WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
N5PS O'REILLY .....100.0 MS
KE4QAP ASHEBORO ..... NC
N4JEH CASTALIA .....107.2 NC
W4YMI NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA
WA8ET WHEELING ..... WV

442.0250 / 447.0250

KA3RQR TYSONS CORNER ..... VA

442.4250 / 447.4250

WB4UNB FALLS CHURCH ..... VA

442.4750 / 447.4750

WB2KPH BERRYVILLE ..... VA

442.7250 / 447.7250

N1TXI HIGHKNOB ..... VA

442.7750 / 447.7750

WA3KOK BULL RUN MT ..... VA

442.8750 / 447.8750

N2XHZ SPOTSYLVANIA ..... VA

442.9750 / 447.9750

N3QEM QUANTICO ..... VA

443.3250 / 448.3250

KT4ER HAYMARKET ..... VA

443.3750 / 448.3750

K4HTA FAIRFAX ..... VA

443.6250 / 448.6250

WD4DSX ARLINGTON ..... VA

443.7750 / 448.7750

W4RKC WINCHESTER ..... VA
W4RKC WINCHESTER .....146.2 VA
KA1OKQ CONCORD, NH .....82.5 ZZ

444.0250 / 449.0250

N3AUY HAYMARKET ..... VA

444.1750 / 449.1750

WA4RS SILER ..... VA

444.2250 / 449.2250

N4MKH FRONT ROYAL ..... VA

444.3250 / 449.3250

W8HNT ARLINGTON ..... VA

444.7250 / 449.7250

WD4KHP LORTON ..... VA

444.7750 / 449.7750

WD4KHP FAIRFAX ..... VA

444.8250 / 449.8250

WD4KHP BELL KNOB ..... VA

444.9250 / 449.9250

WA4TSC BLUEMONT ..... VA
WA4TSC BLUEMONT ..... VA

439.2500 / 927.2500

N4VIH DOVER ..... TN

439.3250 / 911.2500

KA5NOJ GAUTIER ..... MS

426.2500 / 923.2500

K4CQ LYNCHBURG ..... VA

439.2500 / 923.2500

KY4ATV #LEXINGTON ..... KY

920 MHZ

907.4000 / 919.4000

KA4DCS CULPEPER ..... VA

907.5000 / 919.5000

WD4KZK ROANOKE/POOR MT .....107.2 VA
K6LEW TYSONS CORNER ..... VA

907.6000 / 919.6000

WA4CCF ALEXANDRIA ..... VA

907.8000 / 919.8000

KA4DCS WOODBRIDGE ..... VA

908.5000 / 920.5000

KF4TNP LEWISBURG ..... TN

908.8000 / 920.8000

KQ4E MORRISTOWN ..... TN

909.0000 / 921.0000

K4CQ LYNCHBRG/TOB MT .....100.0 VA

909.1000 / 921.1000

WA1ZMS BEDFRD/APL ORCH .....100.0 VA

910.2500 / 923.0000

WA4VHP #SAVANNAH ..... GA
K4ZGA NASHVILLE ..... TN

902.4875 / 927.4875

KB0Y VALDOSTA .....141.3 GA

902.5000 / 927.5000

KG4LMT ATLANTA .....223.0 GA

902.5500 / 927.5500

WA4TOG BEAR WALLOW .....131.8 NC

902.6625 / 927.6625

N2QJI CONCORD .....141.3 NC
W4FAL RALEIGH .....156.7 NC
N4DTR WAYNESVILLE .....131.8 NC

902.6875 / 927.6875

N8EKA LAWRENCEVILLE .....141.3 GA

902.7250 / 927.7250

KA4KMG LEXINGTON .....DCS75 KY

1270 MHZ

1265.0000 / 421.2500

N4BZJ DALTON ATV ..... GA

1253.0000 / 427.2500

N4NEQ ATLANTA/MARIETTA ..... GA

1277.2500 / 439.2500

KD4EEW NASHVILLE ..... TN

1260.0000 /1240.0000

W3PS CHESTER, PA ..... ZZ

1277.2500 /1253.2500

W4PPN #CHARLOTTE ..... NC

1270.5250 /1282.5250

N2QJI CONCORD .....141.3 NC

1271.1000 /1283.1000

WA1ZMS BEDFRD/APL ORCH .....100.0 VA

1272.4000 /1284.4000

WA4AKM NASHVILLE ..... TN

1273.3000 /1285.3000

KF4TNP LEWISBURG ..... TN

1274.5000 /1286.5000

WA4AKM SMITHVILLE ..... TN

1271.0200 /1291.0200

N4CH ROANOKE/POOR MT ..... VA

1271.4100 /1291.4100

AD4DN WILMINGTON .....88.5 NC

1272.0000 /1292.0000

KB4KIN ATLANTA/BELL ..... GA
N4HKS MEMPHIS ..... TN

1272.8200 /1292.8200

AG4EI GASTONIA/CRWDR ..... NC

2.4GHz

2441.6000 /2411.6000

WA1ZMS BEDFRD/APL ORCH ..... VA

It's All Free!

Did you know that SERA assistance in coordination, technical help, or interference information is FREE. Our operating expenses are derived solely from voluntary membership of Repeater Owners and users.

If you have any questions about SERA, don't hesitate to call or ask. It's that Simple!

help@sera.org
(888) HAM-SERA
(toll free)
Learn more at:
www.sera.org

SOUTH CAROLINA

REPORTED BY
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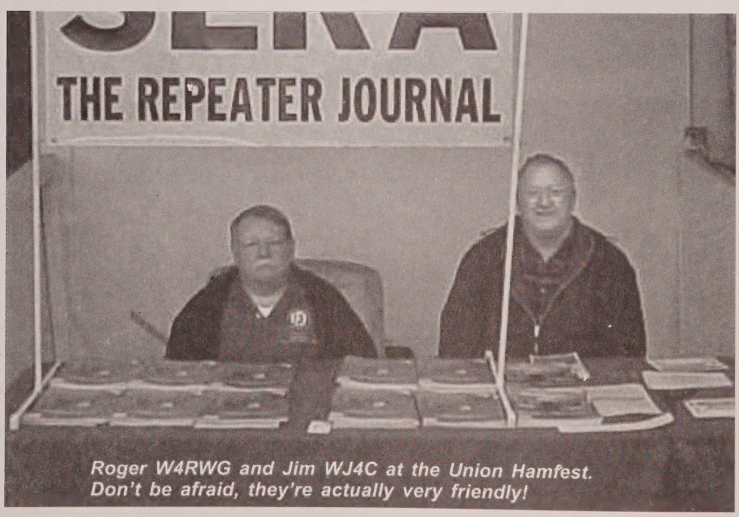
Hello South Carolina,

It is Christmas Eve as I start to write this, and I have just returned from last minute shopping. When you read this, the holidays will be over and we will have started a new year. I hope everyone had a Merry Christmas.

2002 was a great year for the South Carolina District of the SERA. Jim WJ4C and I attended more hamfests than ever this year, signing up a total of 109 associate member years. This is more than ever before in South Carolina. I want to thank the new members, and I hope you enjoy reading the SERA Journal. Just remember to renew next time you see us at your hamfest. Jim WJ4C and I plan to be at more hamfests in 2003. Stop by and see us. Remember we are the guys in the Red Shirts.

The Chester Amateur Radio Emergency Services Club welcomes a new member Harry Mahan KD4WCG. The CARESC sponsored a Red Cross blood drive on November 25. The response was good. The annual Christmas party was held on December 9th at the Summit Restaurant in Chester. Plans are being made for the annual Hamfest / tailgate party to be held at the Chester State Park on Saturday, June 21, 2003. They are hoping for a bigger and better event this year. The State Park is an ideal location with lots of trees and shelters. Make plans now to attend this growing event. There is no admission charge, just back up your truck and go to selling.



Roger W4RWG and Jim WJ4C at the Union Hamfest. Don't be afraid, they're actually very friendly!

Now let's see what is going on in South Carolina.

The Blue Ridge Amateur Radio Society welcomes new member Debbie Hoyt KG4UPA. The BRARS has joined the Bi-Lo Boosters. I think this is a great idea to bring some money into the club. Each time you shop, a percentage of your grocery bill will be donated back to the club. I am sure other clubs will follow suit. At the last club meeting Lee Barnette AA4LB presented a program on IRLP. Everyone enjoyed Lee's program. The BRARS is still hoping to install IRLP to the 146.820 repeater on Paris Mountain.

The Florence Amateur Radio Club wishes to express their sympathy to the families of Richard Davis WB4DRV of Darlington, and James Morgan NA3Z of Florence. Both men will be greatly missed by everyone. The FARC held its annual meeting at the home of Jack Jackson N4JJ. I hear there was a lot of spaghetti there. The FARC supports three repeaters, 146.85, 146.97 MHz, and 444.0 MHz, and a Packet Node on 145.77 MHz. I see that you may have to move the 444.0 machine. Let me know if I can help you with coordination issues.

The Foothills Amateur Radio Club was shocked and saddened at the untimely death of its President, Tommy Ellison K4TWE. Tommy passed away on October 10th. He was also on the Board of Directors of the **Blue Ridge Amateur Radio Society,** and a member of the **Greer Amateur Radio Club.** He was very active in APRS and a tireless supporter of Amateur Radio. Having worked with Tommy on several coordinations, I found him to be someone that wanted to be involved with his club, making sure that the repeaters were coordinated properly. He had a great personality. I extend my sympathy to his wife Gretchen KE4HGX and son Wes.

The FARS assisted with the Juvenile Diabetes Walk November 2nd. Club members provided communications for the more than 2000 who participated.

I congratulate Les Shattuck K4NK for being elected to fill the unexpired term of President of the FARC. I have known Les a long time and I am sure he will do a great job as president.

The Grand Strand Amateur Radio Club held their annual meeting January 25th at the Golden Corral Restaurant in Myrtle Beach. The election of officers was held and all had a great time. The GSARC has a great website. Check it out at www.w4gs.org.

Please send me your newsletters.

The Keowee-Toxaway Amateur Radio Club is looking into ways of increasing membership. A couple of these ways are the Jamboree on the Air for Scout groups, and forming supporter groups in addition to memberships. They are also discussing the possibility of a YL net to get more of the Lady hams on the air.

The KTARC had a program at their September meeting on Amateur Satellites. Larry Savage WA4CAX who works with NASA presented the program. He projected real time satellite tracking with a computer and explained what equipment was required to work the amateur "birds." Les Shattuck K4NK, Vice-Director for the Roanoke Division of the ARRL, was the guest speaker at the October meeting of the KTARC. Les spoke on a variety of topics ranging from national and international band plans to the importance of all amateurs belonging to the ARRL. Les has recently moved to Seneca where he pastors a local church.

The Laurens Amateur Radio Society has had several interesting programs at their meetings. Among them was a presentation on tower safety given by Paul Arnold NH7P. Paul talked about how easy it was to get hurt if you do not know what you are doing. Let a professional install your tower. Jim White KF4YKT who spoke on radio control model airplane flying gave another interesting presentation. He said that hams developed Remote Control flying and at first all R/C fliers

Union Hamfest
& Computer Fair

Union County Amateur Radio Club

********* NEW DATE *********

Saturday, April 5, 2003

SAME HOSPITALITY, SAME GOOD FOOD, SAME LOCATION

Union County Fairgrounds

Located on 176 Bypass in Union, South Carolina

8:00 A.M. - 2:00 P.M.

Admission $ 5.00

Tailgate *free* with admission ticket

Handicap Parking Available

Hot Dogs

For Map and Driving Directions, Visit our Website at www.qsl.net/k4usc

For Table Rental, Reservations, or any other information call or contact:

Talk-In:
Call W4EWI on 145.150-

Roger Gregory W4RWG
864-427-1462
w4rwg@charter.net

Walk-In VE Exams By W.C.A.R.S. at 11:00 A.M.

Dealer Set-Up Friday 2:00 P.M.- 6:00 P.M. Saturday 6:00 A.M. - 8:00 A.M.

The December date is canceled due to moving to 1st Saturday in April

were hams using the six-meter band.

Back in the 60's transmitters used vacuum tubes and lots of heavy batteries. There are still a few hams who use six-meters for Remote Control flying. The LARS held its annual Christmas meeting and election of officers at the Blue Ocean Restaurant on December 20th.

The Salkehatchie Amateur Radio Society is busy with training. Steve Naglic N9NWS of the National Weather Service conducted an Advanced Skywarn Class in October, and in November Charlie Miller AE4UX and Paul Matthews KB4GYT presented an emergency communication forum. Charlie has completed all three levels of the ARECP (Amateur Radio Emergency Communications Program) and Paul is the Assistant Director of the Aiken County EOC. They talked about the various ways hams can help during times of emergency. Everyone enjoyed the presentation.

I want to extend my sympathy to Ray Thomas WA4OMM and his family on the death of his brother Bob Thomas K4AGV. Bob was from High Point, NC.

Thanks for the SERA Advertisement on your newsletter

The Spartanburg Amateur Radio Club has several new members: Robert Boudreau N8JIF, Robert Bourguignon KG4VJV, Tom Collins WA4RRU, Lester Collins WB4PGG, Aarron Harchak KG4VNT, Ralph Prickett NB4Q, and Kevin Proffitt. The SARC has 3 new board members: Harold Kinley WA4GIB, Rusty Coleman KU4ZS, and Elsie Finkelstein KA2CLX, and an alternate Wayne Davis KF4UUL.

The SARC held its annual Christmas gathering at Prime Sirloin Steak House. The SARC assisted with parking at the Bill Drake Christmas Show at Spartanburg Memorial auditorium on December 8th. On December 7th the SARC participated with the National Weather Service / ARRL Recognition Day. All Amateurs were invited to operate at the Greenville Spartanburg Airport Weather Station.

The Union County Amateur Radio Club held their 7th annual hamfest on December 7th. The hamfest report can be given with just one word: ***COLD.*** After much discussion and a vote of the membership, a decision has been made to change the date after 7 years of December shows. The new date will be the first Saturday in April. The 2003 date will be April 5th. The UCARC hopes everybody that has supported their hamfest in the past will understand and support them in the future. The fairground is an ideal site with paved flea market spaces, camper hookups, covered exhibit buildings, and plenty of room for expansion, but no way to heat the buildings. The UCARC hopes to have a bigger and better show for everyone to enjoy. Make plans now to come to Union the first Saturday in April.

The York County Amateur Radio Society welcomes new member Kerry Keel WA2QCJ and welcomes back Brad Humphries AE4VJ. The **YCARS Member of the Year** for 2002 was Sheila Parrish KG4CDF, club secretary. Congratulations to Sheila.

2003 officers were elected on December 14th: Van Brown KG4LUT, President; Morgan Williams KB4GFJ, Vice President; Sheila Parrish KG4CDF, Secretary; Russ Harpster KG4EAP, Treasurer; Carlton Grainger N4LUF, Custodian; Dave Taylor WB4OZU, Program Chairman; and Mike Croft KG4LUS, Net Manager.

The year 2002 was a busy one for the YCARS with the club participating in all sorts of events and activities, including emergency drills and communications, public and community service to the York County Red Cross, Multiple Sclerosis Society, Rock Hill "Come See Me" Fair, and York County Emergency Operations Center. They participated in SKYWARN Weather Nets, Daily YCARS Nets, Charity Bike Rides, VE Testing Sessions, YCARS Fund Raisers, Rock Hill Hamfest 2002, and the YCARS Field Day.

I am sorry to report that I did not receive any news from the **Sumter** or **Columbia** Clubs for this issue. *Please send me your newsletters.* I would also like some news from the **Charleston** area. How about sending me some club news, Ed Frank! How

PRIZES – FOOD – TAILGATING – INDOOR EXHIBITORS

UPSTATE SC HAMFEST

WWW.UPSTATEHAMFEST.ORG

Saturday, May 3, 2003

Guest Speaker: Dr. Jim Boehner, N2ZZ, SC ARRL Section Manager

Piedmont Interstate Fairgrounds of Spartanburg, SC

Located on Fairgrounds Rd, Spartanburg SC, Business I-85, Exit 4, S. on Hwy 56 approx. 3 miles; Follow Signs.

FOUR Yaesu FT-2600 60w 2m mobile radios to be given away. Yaesu VX-150 HT Pre-registration prize.
Large Outdoor Tailgating Area with Easy Access, Indoor Exhibitors Area, Bingo for the ladies!
Fairgrounds are Handicapped Accessible – Free Parking
WCARS/VEC Sponsored Ham License exams at 11:00 AM (Off Site)
For Advance Information, Tickets, Tables,
SEND SASE to: **BRARS, Inc., PO Box 6751, Greenville, SC 29606**
General Information: Contact **John M. Hoyt, W5UGD**, [9am - 8:pm] **(864) 859-8316**
Or by **e-mail: hamfest@brars.org**

Proudly Sponsored by the **Blue Ridge Amateur Radio Society Inc**. of Greenville, SC, **with Talk-in on the 146.61 Repeater**

VE TESTING – BINGO – FOX HUNT – ARRL INFO BOOTH

about it Bill Jones! Send me some news from the Charleston area. Send it to **w4rwg@sera.org.**

New Repeater Coordinations in South Carolina since last issue of the journal are:

441.875	Jack Norris WB4TWX of Six Mile
442.750	James Hagen KD4HEY of Abbeville

Attention South Carolina Repeater Owners. Are you a SERA Full Member? I ask you to join the SouthEastern Repeater Association. Send your full membership dues today. There are 185 repeaters in South Carolina. Of these, 114 are already full SERA members. That is 61.6% of total repeaters being full SERA members. This is great! Thanks to you repeater owners, South Carolina has the highest percentage of full members in the 8-state SERA. Let's make South Carolina 100%. SERA needs your support, and with full membership not only will you support the SERA, you and your designee will receive the Repeater Journal - what a deal!

Would you like to see news from your club in the journal? Tell your club Secretary to make sure I am on their newsletter mailing list.

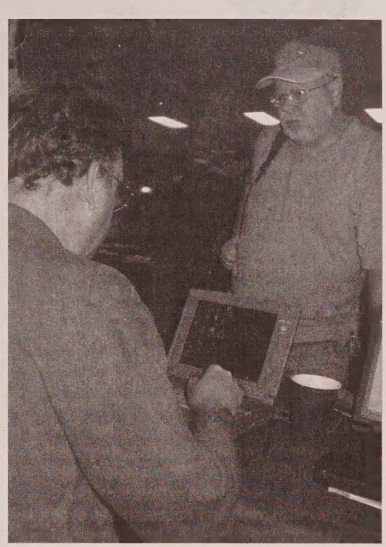
73 Roger, W4RWG
South Carolina Director

NORTH CAROLINA

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
WA4KE@SERA.ORG

The **Benson, NC (JARS) Hamfest** finished the NC's hamfest circuit for this year. Despite the rain, it was a great hamfest. We got a total of 28 memberships (20 renewals and 8 new). The SERA table was operated by Bob K4HA, Chuck K4NYS, Gary KN4AQ, Mike WA4KE and Frank W4FAL. The NC SERA section m et its goal of 300 Associate memberships for 2002.

The **Roanoke Amateur Radio Society reported** that Danny Hampton K4ITL is still working to establish the links for the PCRN. He hopes to have the system working by the first of the year. The RARS Swapfest will be held on May 17, 2003. In addition, Fred Murph AF4CJ will check on the prices of a 440 radio with an antenna tuner for the Court House in Plymouth. The Emergency Manager in Washington County, Anne Keys, still says that a tower will be erected at the Court House site. Fred will check the situation of running the coax from the antenna into the Emergency Management room.



W4FAL checks the SERA database for possible two-meter repeater frequencies open in the Fayetteville area at the JARSfest in Benson.

Fred reminded the group that Bud KE4BC, who has hosted the Coastal Emergency Net party for many years, has died and the group may be looking for a location to hold its summer party. Steve KE4TRG made the motion that the RARS host the party in Williamston at the Telecenter. The motion was tabled to be picked up at a later date after several of the businesses in town were surveyed to see if they could accommodate the number of people that are expected and Steve R. has had the opportunity to check with the net to see if they would be willing to come to Williamston. Charles Thorne N4WKM is planning to make the Telecenter radio accessible.

The **Tri-County ARC NC4AR**, sponsored a special work session on Thursday, Nov. 7, to erect tower and beams at the clubhouse to install antennas and other equipment.

High Point ARC's November meeting had Ken Hoglund KG4FGC, a Professor in the department of Religion at WFU and a member of WFU ARC, give a presentation on QRP communications. Ken is a QRP enthusiast and convener of the **Greater Piedmont QRP Club.** In addition, Jana Barrett of the Salvation Army gave the presentation during the October meeting. She spoke on the history of the Salvation

FORMER SERA SC VICE DIRECTOR

WD4NUN SK

by Jim Cantrell WJ4C

Vince Ott WD4NUN was killed November 19, 2002, in an airplane crash. Also killed in the crash were his father, Eugene Ott, and a family friend, Bob Taylor. The plane crashed into Lake Moultrie in Moncks Corner, in the North Charleston area of South Carolina.

Vince Ott WD4NUN died in a plane crash November 19

The father of two, Vince was SERA Vice Director for South Carolina from January 1997 to June 1999.

I remember Vince from the days when packet was the king of digital modes. Vince ran one of the few packet BBS operations in South Carolina and the only BBS in the low country. The WD3NUN BBS and the WD4NUN digipeater were world-class operations, and it was a pleasure to have the opportunity to work with him.

Vince and I were both operating BBS's when Hurricane Hugo hit South Carolina. With all the destruction and infrastructure damage in the Charleston area it was a challenge to get any traffic into the area. Health and welfare traffic was building up and there wasn't anyplace to send it. When Vince came back on the air, it was much sooner than expected and provided the much needed outlet for formal traffic to move in the Charleston area. I don't know the exact number of messages that were exchanged, but I know it was in the area of 1000, and more formal traffic than either of us would normally handle in a year. It was a pleasure to work with someone as professional and dedicated as Vince.

My sympathy goes out to the Ott family and his many ham friends.

New Date
New Location

Twenty-Ninth Annual

DUR-HAM-FEST

Saturday May 10, 2003 - 8 AM to 3 PM

National Guard Armory Durham, North Carolina

General information & Ticket Sales
Tickets $5.00
Joseph Fields - KF4QYY
1014 Jerome Rd.
Durham, NC 27713
919-596-3738

Vendors, Tables, & Tailgate information
Tables $12.00 - Tailgate $5.00
Paul Van Doren, KE4OXN
5309 Falkirk Drive
Durham, N.C. 27712
919-309-2457---Elivand@aol.com

FCC EXAMS

Pre-Registration requested but walk-ins WELCOME Testing 10 AM to 1 PM
Testing information contact:
David Snyder - W4SAR
4505 Governor Hunt St.
Efland, NC 27243
919-644-8681
w4sar@arrl.net

DOOR PRIZES TALK-IN 147.225

Army as well as many of the projects they currently sponsor.

The Guilford County Amateur Radio Emergency Service holds their weekly information net on Thursday evenings at 9:00 PM on the 145.15 MHz repeater. Various hams take the net control position for this net. If you would like to volunteer, please contact Dave Collins, KE4IAF.

John Shultz, K4JBS, would like to thank the following hams for assisting in the WFMY Channel 2 grounds maintenance: Jim Hightower W4JLH, Earl Fox W4DWR, Gary Ballance KF4DWV, Matthew Ballance KG4WCU, Dave Collins KE4IAF, David Honeycutt N4AXV, and Gary Hastings KE4IAN.

At the **Mecklenburg ARS,** Daryl Sampson W4OH gave the evening's presentation on the work that the Amateur Radio Emergency Service (ARES) does in serving our community in times of crisis. The club completed the largest public service event that the club supports each year, the MS 150 *Break Away to the Beach.* Approximately 40 ham radio operators that donated all or a part of their weekend to support this worthwhile cause. This is the largest the event has been year to date. 1994 cyclists participated in the event on Saturday, and 2024 rode on Sunday. The MS Society estimated that they would raise approximately $1.6 million from the bike tour. Shawn K4RSG and Jeff KA4WYC coordinated the event and lined up all the volunteers. According to Anne Marie McDermott, the hams all did a great job as usual and they could not put the event on without our support.

Tarboro has a new UHF repeater on 444.925 (PL 118.8) on top of the Sprint building downtown. Handheld coverage is solid in town and through most of Edgecombe County, with mobile coverage in Greenville and Rocky Mount. The repeater is a GE Master II running 50 watts output with emergency backup power. The antenna is a DB-422 located on a rooftop tower at approximately 150'. The callsign on the repeater is **N4NTO**. Thanks to Sid Purvis WA4VBC for his expertise in building and assembling the repeater. Tune into the 444.925 repeater as you drive through the Tarboro area on your way to the beach or anytime you want a friendly chat.

Kinston ARS's Russ Worthington WA4POD reported that the club repeater was up and running. He also reported that the club received a new housing for the repeater. This building will be used to house the repeater at the new repeater site. The building has three fans for cooling and a 230-volt single-phase system. Baigram donated the building.

Norman Young of **TEARA** wrote an article for the club's newsletter concerning the availability of electronic kits. He stated, "It was a sad day for hams when Heathkit went out of the kit business. For years, many hams got their first taste of hands-on construction of radios and other electronic gadgets by building a Heathkit. Sadly, the days when you could build your own rigs, accessories, test equipment, organs, computers and color TV's – all with the Heathkit brand – are long gone! However, that does not mean it is no longer possible for hams to build their own equipment from kits, and the good news is that many of them are as good or better that Heath." Check out the club's website for a list of kits suppliers: **www.ipass.net/~teara**.

Ham Radio was well represented during the ice storm. The ARRL News featured an article by *Repeater Journal* Editor Gary KN4AQ and a picture of Jerry Davis KE4TTS. Gary, who also has the responsibility of being the NC ARRL section Public Information Coordinator, commented on

Repeater Journal columnist Marvin Whatley AA4YW (Let's Look At It - This Way), who lives in Oriental, North Carolina, discusses his November column with NC Section Manager John Covington W4CC

ARES in Guilford County supporting four shelters, the Red Cross and the county's Emergency Operations Center (EOC). **Alamance County ARES** hams providing damage assessments to county emergency management teams, **Wake County ARES** supporting four shelters, **ARES in Gaston County** present at two shelters and the county EOC, **Harnett County** hams helping five shelters. Amateurs in **Nash County** provided almost all communications from the town of Rocky Mount, according to Pearce. While a statewide ARES net was not activated December 5, the North Carolina State EOC in Raleigh was staffed with hams helping to pass traffic between there, county EOCs and the state's 25 open shelters.

Doug Ferris K4ROK of the **Bright Leaf ARC** distributed forms for **Pitt County ARES** members who have not yet registered. An updated roster will be sent to Emergency Management in several weeks and if your name is not on the list, you will not be a registered RACES member and may not be able to operate in an emergency.

At a **Shelby ARC** meeting, it was noted that if Cleveland County amateur operators would like to start an ARES group, the **Gastonia ARES** group would be willing to assist. Please contact the Shelby ARC for more information.

One of the best methods to prepare for the unexpected emergencies is to volunteer for public service events. Public service events help to ensure your equipment is in the best operating condition and well maintained. If you are interested in volunteering, contact Bill KG4CXY 919-469-0785 or go to **www.hampublicservice.org.**

At the **Raleigh ARS,** Dennis K4DAM displayed a petition for Franklin County tower ordinance. Evidently, a decision made by the county board years ago (and witnessed by a few dozen hams) never got "in the books" and hams have started having trouble with towers and antennas. In addition, during the meeting, Wake County/NCEM EC John Guerriero KG4HDT thanked all volunteers at State Fair in Raleigh. He brought a list of activation stages for hams working with ARES/RACES. It's on the **Wake ARES** web site: www.wakeares.org.

The **Alamance ARC** meets every second Monday of each month at 7:30 pm on Summit Ave. in Burlington.

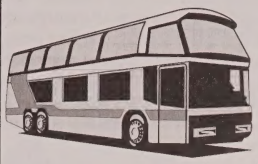
Brunswick County Amateur Radio Club K4PPD has been asked by a local school to help them setup a contact with the Hams/Astronauts onboard the International Space Station. If you have any experience or can provide guidance to this club concerning this issue, feel free to contact the club at **k4ppd@qsl.net.**

Cape Fear Amateur Radio Society meetings are the third Monday of each month at 7:30 at the Alumni dinning hall at Methodist College in Fayetteville. Talk-in on the 146.910 repeater.

The **Shelby Amateur Radio Club** is not biased when awarding door prizes at their hamfest. Chuck Wright K4NYS, NC Frequency Coordinator for SERA, happened to win a dual band radio. Hope Chuck remembers his way back to Shelby when he's driving alone next year.

The **Brightleaf ARC** will be sponsoring a 40th Anniversary of the Greenville Transmission station on Feb. 08, 2003. The event will be held to the VOA Site C site between the hours of 0800-1700 EST.

Piedmont Coastal Repeater Network (PCRN) has been having a membership drive, which was thoroughly supported by the **Raleigh ARS** and the **Cary ARC.** Together the club members, with RARS matching contribution, raised more than $1000 for PCRN. PCRN has 99 current supporting members after the membership drive. Most of those are in the Triangle area,



4th Annual!

Dayton Hamvention by Bus

May 16th, 17th and 18th, 2003

The bus will leave from **Burlington, NC** (Exit 145) on May 15th at 7 AM with the following pickup locations and times:

Greensboro	Four Season s Mall	7:20 AM
Kernersville	Behind Hardee s	7:50 AM
Winston-Salem	Lowe s Parking Lot	8:15 AM
Mt. Airy	Exit #8 on I-74 (Neighbor s)	9:00 AM
Hillsville, VA	Exit #14 on I-77 (Wilco)	9:25 AM
Wytheville, VA	Exit #80 on I-81 (McDonalds)	9:45 AM
Bluefield, VA	TBA	10:30 AM

Dayton 2003

The cost will be $185 per person
(which covers lodging for 3 nights at the University of Dayton and the bus)
It is advisable to order your ticket (good for all 3 days) in advance for $17 as they will be $22 at the door.

Their address is: **Hamvention Advanced Tickets, PO Box 1446, Dayton OH 45401.**

An $85 deposit is required by March 1st with the balance due by April 15th

Note: *I will take the first 50 people to make a firm commitment – either by sending in their deposit or contacting me personally.*

Print out this form and clip and send the form below, along with your deposit to:

Bill Lundy, NC4BL
151 Brady Johnson Lane
Mt. Airy, NC 27030-7606

e-mail: *nc4bl@surry.net*
Phone: 336-320-2135
Fax: 336-320-2136

Don't Delay Mail In Today!

Name_____Call_____Phone_____

Address_____E-mail_____

City_____State_____Zip_____

Deposit_____($85 required by March 1st, 2003 Balance)_____(Required by April 15th, 2003)

Note: I would like to room with _____Call_____

THIRTEENTH ANNUAL

DOWN EAST HAMFEST

Sunday, March 23, 2003

8 AM until 3 PM

At the

Lenoir County Fair Grounds

Hwy 11 South: Follow signs from US 70 East

Prizes

Bigger & Better

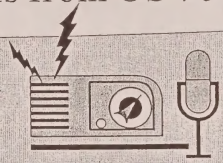
Heated Indoor & Flea Market
Tailgate Facility Outside

Tailgaters: Maximum 2 tables

Talk in on

146.085 / 146.685

Alternate 145.210 (Trenton)



Kinston

HAMFEST info
(252)524-5724

WIN!

First Prize:
HF Transceiver !

Also:
Hourly Prizes
(Must be present to win)

FCC EXAMS

Bring an original and a copy of your license or certificate and Credit Certificate (if applicable). Walk-ins only !

Exams start at 11 AM

ADMISSION

$4 each or 3 for $10 in Advance
(pre-register by March 15, 2003)
$5 each or 3 for $12 at the Door

Tables available through pre-registration on a first come - first serve basis. Locations are assigned by HAMFEST.

ARRL

Pre-Registration Form

PLEASE PRINT CLEARLY

Name: _____ Call: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _(____)_____

Economical Meals and Refreshments Available on the Grounds.

WIN!
Pre-Registration Prize

2 Meter Handy-Talkie

Send completed form and SASE to:
Down East Hamfest, Inc.
P.O. Box 1778
Kinston, NC 28503

TICKET/TABLE INFORMATION

Quantity		Amount
___	Advanced Tickets $4 Ea.	
___	or 3 for $10	
___	Tables: $10 Ea.	
___	Electrical Outlets $5 Ea.	
	Total:	

Forms must be received by March 15, 2003 !

"United in Service and Fun for Amateur Radio"

KNOXVILLE HAMFEST & Electronics Exposition 2003

ARRL TENNESSEE STATE CONVENTION

Saturday June 14

9 AM to 4 PM

Electronics Exposition Friday June 13 - 6 PM to 9 PM

COKESBURY CENTER - 9915 Kingston Pike, Knoxville, TN 37922

AMATEUR RADIO & COMPUTER EQUIPMENT

Antennas * Cable & Connectors * Books & Magazines * Test Equipment & Tools
Latest Transceivers & Scanners * Loads of Electronic Parts
Ham Radio Accessories * Computers & Peripherals * Software * Batteries *
Used Ham Radio, Electronic Equipment and Computers
Fantastic Inside Dealers - Large Outside Tailgate Area
Forums, Clinics, Exhibits and Demonstrations
Lots of Hamfest Prizes - CW and other Contests
Home Cooked Food - Ham Radio License Examinations

GENERAL INFORMATION
& RESERVATIONS

Hamfest Chair: David Bower K4PZT
d.bower@ieee.org
(865) 670-1503
PO Box 50514
Knoxville, TN 37950-0514

For updated info check our Web site at Http://www.W4BBB.org

"Our 37th Annual Hamfest - And still Innovating"

though a handful of members are scattered around the state or nearby states. The updated membership list on the PCRN web site (**www.pcrn.net**) shows about 250 members going back to January 2001. Many hams have been supporters but are not "current."

PCRN isn't known for their self-promotion, fundraising, or sending a renewal notice. PCRN is a small group of hams that are very good at working on repeaters. They've built their repeater system up to the point where it needs a lot of maintenance, and costs a lot of money, just to keep things going. Last year was been particularly expensive, with a tower falling and equipment failures at several key sites in the network. Support your local repeater group. Repeaters and their maintenance are not cheap and your contributions help to maintain a top-notch system that is reliable communication means during emergencies.

NC Hams Prepare Hospital Network

Nine coastal ARES Emergency Coordinators along with other key amateur operators met with hospital officials to design and implement an emergency ham radio network for health facilities. A total of fourteen amateur operators met with three hospital officials from the Coastal Carolinas Health Alliance (CCHA) at the Columbus County Hospital in Whiteville on July 24th to lay out their needs in supporting ten hospitals in southeastern North Carolina and northeastern South Carolina.

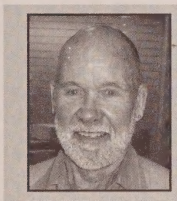
The final presentation came from Danny Hampton, K4ITL, SERA Technical Committee Chairman. Danny reviewed the past two months of discussions and shared research he had done to support repeater configurations. Danny suggested tying together the 53.43 meter repeater in Wilmington, relocating the idle 53.30 repeater in Clinton to a new tower location outside of town and installing a new 6 meter machine in Lumberton to form blanket coverage across the Alliance's ten hospital area. He further suggested placing a UHF linking repeater in Tar Heel to tie the three 6 meter machines together.

As each club's newsletter was read, it was noted that several clubs have a critique of their hamfest. This critique session allows the club members to discuss and record the lessons learned during the hamfest and start preparation for the upcoming year. Some clubs promote the hamfest vice-chairman to the chairman position to ensure a continuation of knowledge and experience. Remember, the majority of hamfest attendees return because of past hamfest performance.

I would like to thank the **Shelby Amateur Radio Club** and **Randolph Amateur Radio Club** for adding me to their newsletter mailing list and the **Roanoke ARS** for their website. Support your local club, its newsletter and repeater networks.

Club trustees and newsletter editor, please contact John Covington W4CC at **w4cc@arrl.net** to update the NC ARRL website.

The information posted in the *Journal* typically is obtained from the club websites and newsletters. Please continue to send the news to **wa4ke@sera.org.**



VIRGINIA

REPORTED BY
FRED WEAVER KG4BKI
PO BOX A
ZUNI, VIRGINIA 23898
757-242-9066
KG4BKI@SERA.ORG

The writer of a quarterly column usually does not get to say, "And, this just in."; but here it is – And, this just in:

"Richmond, Virginia… The Medical College of Virginia and **Virginia RACES, Inc.,** (have) executed a Statement of Understanding as a part of the first step in a coordinated emergency communications system, utilizing amateur radio, for the hospitals in the Metropolitan Richmond Area. The system is ultimately the cornerstone of a wider emergency communications infrastructure allowing trauma centers and area hospitals to better coordinate mass casualty incidents. Three Virginia RACES committee's have planned the system in coordination with MCV officials over the past 12 months."

"Voice COMs: A.C. Frame W4HJ, Robert Vest KA4CBB, Marshall Ervine N4XBP, Mike Melnyk KD4KWP, Jim Clark N4GAU, Joe Wagner KO4RK."

"Data: Luke Bannister AD4MG, T.J. Johnston N4UYQ.

"Logistics: Bruce McAllister W4BRU, Roger Sack W4IPD."

"The Medical College of Virginia has budgeted $20,000.00 for the initial phase of the system."

The coordination of mass casualty incidents is one of the biggest changes in emergency preparedness since 9-11. This important SOU is recognition of the role amateur radio can play in emergency response, backed up with a financial commitment by the served agency. 'Atta-Boys!' go to all the hams involved.

Loyal readers of this column can expect to hear more about the "wider emergency communications infrastructure" in the future.

The following is from David Damon K4DND, and shared with me by Carl Clements W4CAC:

"I am pleased to announce that several young hams in the Central Virginia area have recently applied for, and received the club call sign KG4UKC, for the **Virginia Young Radio Amateurs Association (VYRAA).**

"The VYRAA is an organization which promotes amateur radio among teens and any and all interested young amateurs may join. Organizing members of VYRAA are Steve Traylor KF4ZGD, Ben Mills KG4QVP, Sarah Hawrysko KG4OFX, Matt Bisgaier KF4TKJ, Matt Brownfield KG4OVD, Emily Traylor KG4OXY, Jeffery Seay KG4QWR, and Andy Modic KG4IFG. The VYRAA is possibly the newest ARRL affiliation in the VA Section, and all members should be congratulated on being ARRL members.

"There is a weekly VYRAA net held on the 147.075 **Waynesboro Repeater Association** repeater. For further information about the net or for information about VYRAA membership, please contact Steve Traylor at: **kf4zgd@arrl.net.**"

Jamboree On The Air (JOTA) was a lot of fun for me this year. I participated as a scout supporter by talking to a number of scouts involved in the **Chain Bridge District Camporee** in Aldie, VA. I can attest to the performance of their Eyring low-profile antenna on 40M as they maintained contact from the northernmost county in Virginia to one of the southernmost for several hours during the event. Mike Skelly KA8OPJ sent this report about the participation of the **Arlington Amateur Radio Club (AARC)** in the Chain Bridge District Camporee:

"Scouts from the Chain Bridge District in Arlington and McLean held Camporee near Aldie, VA. Approximately 300 scouts camped in Loudoun County, for a weekend theme of emergency preparedness. In addition to exercises simulating a car accident, airplane crash and search, and wilderness rescue, the scouts learned and practiced communications skills with FRS radios. They also used two HF stations to make demonstration contacts with scouts and scout-supporters in the US, Caribbean, and

Canada. In addition to a 40m dipole strung across 10' log tripods for long-haul, an Eyring low-profile antenna lain in the grass yielded many contacts within a 300 mile radius. A coalition of hams supporting the JOTA portion of the weekend included scout parents and the Arlington Amateur Radio Club.

"Preparedness was illustrated when a rented generator failed to restart after the first refuel. Luckily the group had 200 AH of battery reserve to continue full-power operation. Several of the scouts and their parents expressed an interest in learning more about amateur radio."

AARC members participating in the event included: Rob Faris K1PW. Mike Ingles KG4RKL, Mike Callaham NW3V, Lukas Hoska WA3UEA, Jack Reed WA4FXX, and Mike Skelly KA8OPJ. AARC is affiliated with the Arlington chapter of the American Red Cross. Check them out at **www.geocities.com/w4wvp/.**

Bruce Powell KE4GFM (ERO for Isle of Wight County, Scouter, and scout leader trainer) opened the **Emergency Operations Center at Isle of Wight** (IOWEOC) to scouts for JOTA. The IOWEOC is equipped with HF, VHF, UHF, and packet stations. Bruce welcomed 28 visitors, primarily Cub Scouts, to the EOC. All the visitors had an opportunity to operate the radios as well as to observe the county dispatchers doing their jobs in the adjacent dispatch center.

Bruce indicated that the most popular activity was the keyboard-to-keyboard packet operation supported by Chris Hanslits KA8UNO, and another local ham. Scouts made HF contacts with NC, Canada, and the Camporee in Aldie, VA. He also thanked Chris Peters N4KIT, for his help in the EOC.

On October 26th I attended the **Virginia RACES, Inc.** training session at the Chief Medical Examiner's Office in Richmond. Following a brief registration process, **Dr. Barbara Fierro, Chief Medical Examiner of Virginia** welcomed the 62 participants. She described the Medical Examiner's involvement with Amateur Radio that grew out of recognition of known communications problems, and planning for mass casualty response. (A copy of the resulting Memorandum of Understanding is posted on the VARACES web site – **www.varaces.org.**)

Mr. Fred Vincent, Operations Director of the Virginia Department of Emergency Management (VDEM) also welcomed us to the session. Mr. Vincent is well known for his support of Amateur Radio, which he described as effective, efficient and 'almost free'.

Mr. Bill Sammler of the National Weather Service (NWS) in Wakefield provided an additional welcome. He described the new tower that would soon be installed in Wakefield, which will provide additional Amateur Radio infrastructure and add HF capability to the Amateur station there. When activated, the station at NWS Wakefield is WX4AKQ.

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Allen 2003

Tony Amato KR4UQ, State Emergency Radio Officer (SERO), recognized the contribution of Tom Goyne N4NSP of the Chief Medical Examiner's Office to the Virginia Digital Emergency Net (VDEN). (Read a description of Tom's work under his call sign at www.qrz.com.) Jim Dodd KF4LGV and Earl Moore KR4MA were awarded Certificates of Achievement for their contribution to VDEN.

The primary presenter for the session was Ed Harris KE4SKY, with the assistance of Ed Forman W4IN. Ed Harris is the VARACES State Training Officer and is responsible for the production of the bulk of the training materials used in the session. Each of the participants received a CD with all the training materials. The materials are also available on the Virginia RACES web site.

The training was fast paced and covered a wide range of subjects related to Amateur radio response and support of our served agencies. A summary of the all day session is outside the scope of this report so I will give a few 'bites' from my notes:

- Registration of operators is important to insure that they get the available coverage under the Volunteer Protection Act.
- All logs and messages recorded in an EOC during activation become a matter of public record.
- Expect greater security at EOCs during activation and drills. Your Amateur license and a picture ID are recommended in the absence of other forms.
- Independent study courses on the Federal Emergency Management Agency (FEMA) web site are recommended to hams for additional study. **(www.fema.gov)**

Luke Bannister AD4MG, conducted a session on packet radio. Luke is the sysop of the packet bbs in the Virginia Emergency Operations Center (VAEOC). It was stressed during this session that VDEM is a strong supporter of the packet system and considers it a key part of RACES communications. Luke gave some basic station tips and suggestions as well as other details about packet operation during drill and activation.

During the closing the SERO emphasized that membership in VARACES does not require any dues, and that training is always free. The training sessions will continue next year at Bristol, Harrisonburg, and "somewhere in Tidewater."

There were several hams at the session from neighboring states. I spoke with two of them; Pat Ryan KW3Z, and Parris Mancuso W3PAR, both of Seaford, Delaware. They indicated that they became aware if the training on the VARACES web site. Pat rated the training as "11 out of 10".

Skywarn Recognition Day (SRD) was December 7th. Check out the site at **hamradio.noaa.gov/.** The Blacksburg office reported 7 QSOs and the Wakefield office reported 427 QSOs with 40 states and 40 other NWS offices. As the Wakefield office currently lacks HF capability several operators received permission to operate on HF using the WX4AKQ call and I was happy to be among them. As this is written, the list of operators who signed up to operate WX4AKQ can be accessed on the VARACES web site, click on Skywarn Recognition Day, them click on Wakefield. Butch Baker N8LE provided a report on the activities at Sterling NWS. He reports "Sterling SRD was Stellar". The following is excerpted from his report:

"One of the fun parts of our great hobby involves participation in Skywarn Recognition Day. This is a special event co-sponsored by the ARRL and The National Weather Service to recognize the contributions that amateur radio operators make to NWS during critical weather. Further, SRD demonstrates our ability to maintain communications throughout the country on our own accord. Scott Mentzer N0QE is the Meteorologist-in-Charge and directs SRD from the NWS in Goodland, Kansas. This is the fourth year of this successful program. Hats off to Scott for such a fine job.

"Mike Virgilio KG4JNA [was] the 'point man' for SRD and he lead our team successfully in all aspects of the special event." The Sterling team enlisted the aid of the Woodbridge Wireless Assoc., Ole' Virginia Hams, and an impressive list of volunteers to put TWO tri-band beams in the air. They ran a loaned FT-900 as well as a PSK setup. "Art Feller W4ART of the Network Engineers Repeater Association (NERA) made their IRLP node available to us."

"The SRD event was to take place on December 7, 0000 UTC – 2400 UTC. On December the 4th a major snowstorm struck. Anywhere from six to eight inches fell on the region. That did not even put a dent into the team spirit. We lost some volunteers to operate from the weather but we still managed to have sixteen amateurs and some NWS staff to man the radios. Our final tally was 73 NWS offices contacted, 583 total QSOs and 10 endorsements earned. One important note is the role that the NERA node (447.775) played in the event. Many of the NWS contacts were contacted on that node." Butch commended everyone who helped make the event a stellar one and is really looking forward to next year's event.

Leo Kusuda KG4PWC of the **Chesapeake Amateur Radio Service (CARS)** reports that a Memorandum of Agreement between CARS Public Service and the City of Chesapeake, VA has been signed. Check out this active group at their web site at **www.qsl.net/cars/.**

Last time I said I would report on the progress of the remote base on the **Smithfield Repeater.** It is working on the UHF side. Some glitches remain in the 2m side. We also

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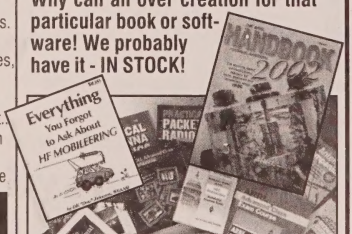

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From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

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Covered outdoor spaces in the tailgating area are available (for a modest fee) on a first-come, first-served basis. Fairground regulations do not permit the sale of food or beverages by unapproved vendors. Full RV Hookups are available in the tailgating area this year for a small fee. Camping and self-contained RV's are welcome in the Tailgating camping area and restrooms will be available. Not responsible for accidents or theft.

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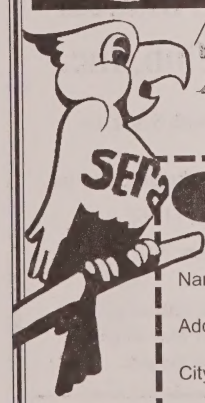

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still have the packet node, DTENND, using the 2m antenna. Several options relating to the node are being considered, including moving it to a site in Franklin.

On December 14th, hams in **Gloucester County, VA** held a special event station from the historic Roswell Foundation. Operating as W4EDN, the event commemorated the 200th anniversary of the inauguration of Governor John Page. The event also tested the manpower, equipment and resources available in Gloucester Co. The ARES personnel (Virginia District 7) deployed an HF rig, and several VHF radio stations on FM voice and packet. The need for practice and preparedness was illustrated when one of the power supplies failed and they had to switch to a backup battery. (The report that I received also seemed to indicate a lot of good eats.)

My ARRL membership expires in February. In my consideration about renewing it, I took particular note of my colleague's column in last quarter's issue. (Let's Look at it – This Way!! by Marvin Whatley AA4YM) Yes, Marvin, "the tacit assertion that Amateur Radio and the ARRL are the same thing" grabs me the same way it grabs you. I admit that, in the absence of another representative, the ARRL's role as international representative and national lobbyist on behalf of Amateur Radio is vital. How vital their role, as things trickle down to the local level, is for the individual ham to decide.

Here is an alternative. First consider that we support the ARRL when we buy their books, and I have several. We also support them when we purchase from the manufacturers and suppliers who advertise in their publications. Second, there are many fine Amateur Radio organizations worthy of our support, like…well…SERA! In the time I have been considering my possible non-renewal with ARRL I began to look for the replacement of QST and subscribed this Journal. And, look where that has taken me! Put your support with the organizations that provide the services you use.

73, and see you all next quarter. bki

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REPORTED BY

FRANK BELCHER KS4XL

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Not much to report this time for Kentucky but here goes.

Jeanie Dalton submitted information on the **2003 Lexington Hamfest.** The location has been changed for 2003. The Hamfest will be held at the Central Kentucky Technical Collage located at 308 Vo Tech Rd in Lexington Kentucky.

Contact information for this event is:

Bluegrass Amateur Radio Society
P.O. Box 4411
Lexington, Ky 40544-4411
Phone (859)-333-0318
Email hamfest@bluegrassars.org
WEB http://www.bluegrassars.org

I know this is a bit early but this is a very popular Hamfest and I thought it might not hurt to go ahaid and list it and I shall again in the next few issues. So you can't say you didn't know about it.

Fred Jones want's to remind everyone to check out the ARRL website and visit the Kentucky Section. The URL is **www.arrl.org/sections/?sect=KY**.

Also here are a few Nets I've located and thought may be usefull:

Bourbon County ARES Net is Thursday at 8:30 PM EDT on 147.520 Simplex.

Bluegrass Amateur Radio Society Club Net is Wednesday at 8:00 PM EDT on 146.76.

Fayett County ARES Net is Thursday at 9:00 PM EDT on 146.76.

Wilderness Trail Preparedness Net for the Richmond KY area is Wednesday at 8:30 PM EDT on 146.715 with a 100Hz tone.

Scott County ARES Net is Tuesday at

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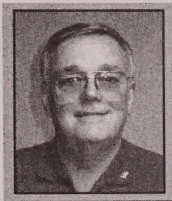
Pioneer Amateur Radio Club Net is Thursday at 8:30 PM EDT on 147.12.

Capital Amateur Radio Society Net is Monday at 8:30 PM EDT on 147.105 (107.2 tone).

Lincoln County ARES Net is Friday at 8:30 PM EDT on 146.46 simplex.

Boyle/Mercer ARES Net is Monday at 9:00 PM on 146.655.

Hope you enjoyed the Holidays 73 for now.



GEORGIA

REPORTED BY
M. TERRY JONES W4TL
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FLOWERY BRANCH, GA 30542
(770) 967-6364
W4TL@SERA.ORG

Well, it's hard to believe that 2002 has come and gone. It seems as though there should be some time left in 2002, but when we look at the calendar we surely see that it is really gone. I apologize for not having an article for the *Journal* the last issue, but it's hard to write an article when you are flat on your back in bed. I had a very serious and painful bout with my back. After about a month of bed rest I began to slowly improve and seem to be almost back to normal now. I have a couple of discs that are in pretty bad shape and really thought I would have to have surgery, but things improved on their own. That's what happens to you when you start getting older. You can almost compare our aging bodies to vintage radios, which need to be "retubed" from time to time.

Last year provided us with another year of versatility in amateur radio. We were all able enjoy our hobby and also had the opportunity to provide public service communications from time to time throughout the year. This "privilege" is afforded us through our ability to use our talents and communications gear to provide this valuable public service. FCC Part 97.1 Basis and Purpose (a) states: *Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.* When you really think about it, this is one of the main reasons for our hobby to exist. A lot of our Georgia amateur clubs are participating in this type of community service, which also prepares us to be ready to help out in a real emergency. Some recent examples of this type of service is as follows:

ATHENS ARC - Club members handled communications for the Watkinsville 5K Scarecrow Race in October and their services were recognized and very much appreciated. Though most of the traffic they handled was routine, they did have the occasion to handle one piece of priority traffic when a little girl got separated from her father. (She was OK.... happy ending!) They had fun, practiced their skills, and enjoyed the fellowship. These folks also get to provide communications at the home games for UGA, and provided communications for three 5K races and a 8K "Santa Stroll."

STATESBORO ARS - Club members received a letter of appreciation from KATHLEEN KOSMOSKI, manager for the Bulloch county chapter of the American Red Cross, in recognition of their recent installation of a donated 50 foot tower and 2M antenna and radio at the Red Cross office. She wrote, "Since disasters are unpredictable, it is very reassuring to know that we are prepared to have a form of reliable communication. I truly appreciate the dedication and support that STARS has contributed to the Red Cross and the community during times of need. By working together, we can assure the people of Bulloch County that this is a safe and caring community." Kudos to CHUCK RUSHING KF4JEX and MARK AULICH KF4MLT for the donation of the tower, to JAMES MARKWITH W1JRM for the donation of the antenna, and to all club members who volunteered their time and efforts to accomplish this worthy feat.

THOMASVILLE ARC -These folks had a very busy October, with every weekend offering a club activity, from running a special event station for the 35th Annual Fly-In, to running communications for the Spaghetti 100 Bike Ride, along with members of the Tallahassee club, and for a mini-marathon.

LANIERLAND ARC - As the primary group responsible for providing communications during the Special Olympics Fall Games which were held in Gainesville, club members, and especially PHIL LOGGINS KD4PDL, Activities Chairman, who recruited a multitude of hams for the cause, deserves a huge pat on the back. In a recent debriefing, the Games Evaluation Team said, "The ham radio operators were crucial to the success of the Games. They were the one common link to all the venues, as well as to all the key competition officials." To EVERYONE who helped.... Thank you for demonstrating, once again, the value of amateur radio communications. Y'all are great! By the way, you can mark your calendar now for next year's event, which will be held in Gainesville again... October 24-26, 2003.

GEORGIA ARES - Sunday Night November 10th turned out to be more than just "A Rainy Night in Georgia." On that date during the regular State ARES net on 3975 Khz, ROBERT BURTON, KD4YDC, NWS DEC, informed everyone on the net that some potentially horrific weather was headed our way. Besides Robert, BRIAN HERREN, W8BYH, DAVE HAMANS, KG4PZI, WADE MASSENGILL, KU4OJ, and MELVIN GRAHAM, KG4CUT, kept the station at NWS, Peachtree City, manned all night long, and many hams all over the state participated in SkyWarn nets, and kept the NWS informed via the linked repeater system. JOHN KRAUS KC4ZGQ, and CHARLES REID W4MAZ, were instrumental in getting accurate information to the NWS from central Georgia, and a number of hams in NW Georgia kept the information flowing, too, even when they were being battered by the storms themselves.

Of particular note is WA4EOC, the **Cherokee county ARES** group, who did a terrific job assuring that information was passed. Although multiple Georgia counties sustained damage from the tornadoes and high velocity straight line winds, we fared much better than many other states.

It was actually a positive experience in many ways:

1.) The linked repeater system more than proved its value.

2.) The pager system, EMWIN, (Emergency Managers Weather Information Network), JOHN SHINALL, K4YK's "baby", more than proved its worth, too. It was activated TWO HUNDRED AND THIRTY-TWO times between the hours of **5PM** on the 10th and 7:42 the next morning, to send out warnings and watches throughout the state. And,

3.) Georgia hams, once again, demonstrated their dedication to public safety through their long hours... in many cases, all night long.... spent monitoring and/or participating in the SkyWarn nets.

PAT HAYNES, K4BEH, EC of Pickens county, which sustained the most damage, led in the communications efforts in the aftermath on Monday morning. He said, "It was all like a well-oiled machine. It was eye-opening to sit in the operations room of the EOC and just observe how it all came together very quickly. It was also rewarding to feel that in some small way we were part of that team."

GEORGIA BAPTIST DISASTER RELIEF COMMUNICATIONS Unit GA 14 C, which is located in Gainesville, was activated early Monday November 11th to provide communications for the disaster relief operations in Pickens and Dawson Counties. The Communications Unit was set up at the Cool Springs Baptist Church in Tate, which served as an operations center for the relief operations. There were 21 trained GA Baptist communicators who worked with the communications unit for 10 consecutive days providing support communications for the massive cleanup operations in the area.

Activities similar to those listed fulfill the requirements FCC Part 97.1 (a). If you have any interest in helping any of the above groups (ARES, Local Clubs, GA Baptist Communications, Salvation Army, Red Cross, others) I am sure your assistance will be appreciated. The key is to be prepared and trained by the particular group prior to an actual incident happening. It won't be long until Georgia's tornado season will be upon us, so get ready.

GEORGIA HAMFESTS

There were a lot of good Georgia Hamfests this past year and this year looks like it will provide us with another great slate of events. **THE ALFORD MEMORIAL ARC HAMFEST** (Lawrenceville) on November 2 & 3 turned into the "Grand Finale" of GA's Hamfests. It's been a goal of these folks for quite some time to make their hamfest the premiere one in the Southeast. In a day when most hamfests seem to be shrinking, this one still manages to hold its own, and to actually get bigger and better each year.

One big plus they had this year was the picture-perfect weather, which helped draw a bustling crowd for most of the weekend. There were lots of new additions to the festivities, including a booth set up by club cartoonist KEVIN WOOD KQ4LE, and several of his cohorts..... featuring "Kensucom", Kevin's creative addition to the cartooning world of amateur radio. His efforts certainly added a smile or two to everyone's enjoyment of the fest.

My hat is off to hamfest chairman RANDY BASSETT KR4NQ, and his many, many workers for a job well done. If you missed the Lawrenceville hamfest, I'd suggest that you mark it on your calendar now so you don't miss it next fall. It's definitely worth the trip.

Hamfests provide us with a place at which to look for that proverbial "gem" in the "bone yard" and to catch those "eyeball QSO's" with friends that we don't see on a regular basis. This year's GA Hamfest slate starts out with the **Dalton ARC Hamfest** on Saturday, February 22. This is always a good hamfest and is the first opportunity to go "treasure hunting" in a hamfest flea market for the new year.

The next hamfest on the list is the **Kennehoochee ARC Hamfest** in Marietta, GA and will be held on Saturday March 15. This is also a good hamfest if you have never been I can assure you that you will really enjoy it.

Then on Saturday April 26 there is the **Cherokee Capitol ARS Hamfest** held in Sugar Valley near Calhoun. This fest has been going on for about 4 years and continues to grow every year.

The next one that we know of is the **Atlanta Radio Club Hamfest,** on Saturday, June 7 at Jim Miller Park in Marietta. JOHN TAPLISKY JR KA4VQH and his crew worked extremely hard this past year to improve the Atlanta Hamfest and 2003 looks even better.

The next one on the list is the **Lanierland ARC Hamfest** (Gainesville), also known as the "Coolest Hamfest In Georgia," will be held at the Georgia Mountains Center in Gainesville on July 12 & 13. This will also be the ARRL Southeastern Division Convention and looks to be another great hamfest.

Just a reminder to repeater owners and trustees about your **"repeater data sheets."** If you didn't make the deadline in sending them in, you can still do so. They are "better late than never." Data sheets are very important so that an accurate database can be maintained of all the repeaters in the SERA system. It is imperative that accurate data be available for the frequency coordinators to do their job. So, if you haven't sent yours in yet, please do so as soon as possible.

Effective immediately I will be vacating the position as News Correspondent for Georgia. Vester Scott N8EKA, Georgia Assistant Director, will be assuming these duties. Vester's writing skills will be a tremendous asset to the Georgia Section and to SERA as a whole. If you would like information about your club's activities shown here in the *Journal,* please send it to Vester at **N8EKA@sera.org** or give him a call at 770-339-6986 and he will see that it gets published.

In closing I would like to say that it has been enjoyable writing the Georgia Column for the *Repeater Journal* the past two and one half years. It has been an experience that I will forever cherish. I look forward to working with all of the SERA Members and repeater owners in Georgia as well as the entire SERA Staff in my new role as Vice Director. I can honestly say that I feel the individuals who are volunteering their time are all dedicated individuals and doing a professional job in managing the affairs of the organization, which is possibly the best coordinating group in the country. Look for the SERA banner at more Georgia hamfests this year. That's a promise!!

73's for now

Terry Jones, W4TL
Georgia Vice Director

N1WRY Planning Bike Trips Across Southeast

Jason Baack N1WRY will be looking for some contacts as he bikes across the Southeast in the coming months. Jason rides a well-equipped recumbent bike, towing a light trailer, and has VHF-FM and HF equipment aboard. The Fall 2002 issue of *CQ VHF* covered his story in detail, and a friend in Charlotte told the *Repeater Journal* that Jason was going to be heading into SERA territory this spring.

In March, Jason will ride thru Georgia and part of Florida on a 400 mile trip. Then in late May he'll tackle North Carolina and Virginia.

He would love to make contacts and meet hams along the way. Drop by his web page at **www.n1rwy.com.**

Yaesu 817 mounted on the handlebars of N1WRY's recumbent bike

Kentucky ASEC Seeks Info on ARES Hams

I am looking for some information about our ARES people in KY. I'd like to know how many of the ARES personnel have actual emergency service experience. I'm referring to police officers, deputies, fire fighters, EMS, dispatchers, SAR , PIO, etc.

If you are one of these people, or are an EC that knows about someone, please e-mail me at ag4ty@yahoo.com and let me know.

Thanks,

Ron Goodpaster AG4TY
KY Asst. SEC

MISSISSIPPI

REPORTED BY
CHARLES DIAMOND
43 JUDE BREWER RD
LUMBERTON, MS 39455
(601) 796-9279
KG4CKW@SERA.ORG

SERA and the *Repeater Journal* welcome Charles Diamond KG4CKW to our happy family as correspondent for Mississippi news! Charles' first column will appear in the May issue of the Journal, and he'll have a chance to tell you a little about himself. Thanks for volunteering, Charles!

ATTENTION MISSISSIPPI CLUBS AND REPEATER OWNERS! - Send Charles your news and newsletters, print, pdf, html or whatever (what else is there?). Invite him onto your e-mail lists. Let's get a good accounting of the energetic ham radio activity in Mississippi into the pages of the *Journal!* If you suspect that your newsletter editor or club PR person does not see the *Repeater Journal,* please forward this plea to them (and get them signed up in SERA!).

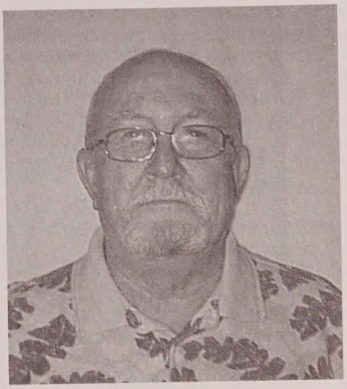
Mississippi Welcomes New Assistant Director

At the 2003 winter Board meeting, Mississippi Director Steve Grantham N5DWU nominated Aubrey Bilbo KE5LT as an Assitant Director. Aubrey's nomination was approved by the Board, and he becomes the third member of the Mississippi team.

Aubrey is a retired electrinics technician, having worked for Lockheed-Martin until 1999. He retired from the Air Force back in 1976. Here's how he describes himself:

"I currently live in Hancock County MS with Betty, my wife of 36 years. We have 4 children, who have "left the nest," making their way in the world. During our 20 years with the Air Force, we were fortunate to travel around the globe. Today we still love to travel, but limit our trips to the continental US.

My hobbies are motorcyling, computers, and of course, ham radio. I enjoy RTTY, SSTV, PSK31, Packet, and just ragchewing. I also maintain 2 local repeaters: 443.725 and 145.15 in the Picayune area. Other activities include participation in the Hancock County ARES group, and the Mississippi Section Phone Net. Visiting hamfests are high on my list of neat things to do, affording an opportunity to meet with the greatest people on earth....HAMS."



Aubrey Bilbo KE5LT, new Assistant Director for Mississippi

Aubrey's address and phone number appear on page 2. Welcome, Aubrey!

Coordination Not "Good for a Lifetime"

"Coordination is not a lifetime grant," writes the FCC's Riley Hollingsworth, in a Warning Notice to a California repeater owner.

Hollingsworth continued that coordination "is not a frequency allocation. It is not a de facto assignment of exclusive rights to a channel. Furthermore, current coordination is required in order for your station not to bear the primary responsibility of resolving interference to coordinated repeaters. Historical coordination is irrelevant."

The case involved mutual complaints of interference. The repeater in question was coordinated 16 years ago, but could not show current coordination.

SERA coordination is good as long as a repeater owner files data sheets regularly, and does not change certain operating parameters of the repeater (like location, height and power). SERA will confirm "coordinated" status with the FCC when requested.

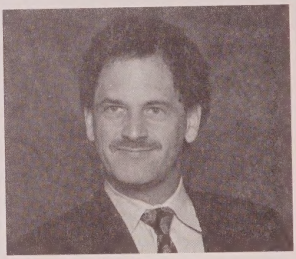
N2ZZ New SC Section Manager

Dr. James F. Boehner N2ZZ of Aiken was elected the new ARRL Section Manager for South Carolina. Boehner defeated incumbent SM Patricia Hensley, N4ROS 431 to 239.

Originally from Syracuse, New York, Jim received the callsign N2ZZ in 1976.

Although he says he doesn't plan to change his callsign, he admits that he is a converted Southerner and has made South Carolina home. Dr. Boehner completed his medical residency in Georgia and moved to Aiken in 1986. A Extra class licensee, Jim is a life member of the ARRL and on the DXCC honor roll. He has earned WAS, 5BWAC, 5BDXCC and continues to have a strong interest in HF communications.

First licensed in 1969 at age 15, He asked for a life membership to the ARRL as his Christmas present. Dr. Boehner presently serves as Amateur Radio Coordinator for the Aiken Public Safety Department and Technical Advisor for the Aiken County Sheriff's Office, and a VE for the ARRL and WCARS.



New SC SM Jim Boehner N2ZZ

When asked about his goals for South Carolina as Section Manager, Boehner says he wants to expand participation in, and enable unification of the ARRL SC Field Service, not having any one individual serve in more than one top section position. With nine appointed positions, he feels that they are enough operators in the section to field these positions.

He wishes to guide the path of Amateur Radio in SC into the new Millenium. He considers Emergency Coordinators and the development of a cohesive emergency network essential and top priority. He said he does not want to make this a "one man show" the success of the section depends on teamwork.

Jim plans to use a website he started to distribute information to the SC ham community. The website can be found at **www.qsl.net/arrl-sc**.

So Jim, I welcome you as the new Section Manager and wish you well as you start to implement your new ideas and goals.

Roger W. Gregory W4RWG

Nostalgic Wavelengths

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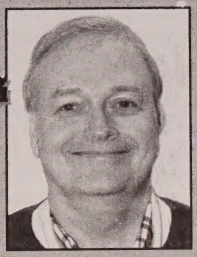
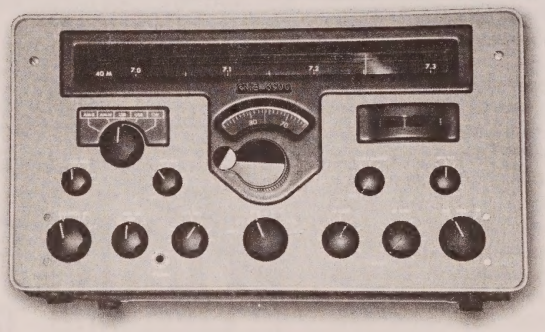


The RME 6900

My early years as a high school and college amateur radio operator were laced with many fond memories of the fascinating receivers on the market. Hallicrafters, National and Hammarlund caught my eye as I thumbed through the pages of *QST* and *CQ*. High on my list was, of course, the excellent Collins line of receivers, well beyond my meager economic means.

One receiver, however, caught my attention in the ham radio advertisements from this era. The **RME-6900,** manufactured by the Radio Manufacturing Engineers Company, had the sleek appearance and functional styling that I really liked. The published technical performance seemed great for this receiver.

While the sensitivity figure of 1 microvolt (or better) for a signal-to-noise-ratio of 10 db was on par with other well-known receivers, it was the carefully designed and crafted Modemaster switch that attracted me to this receiver. The switch was designed to easily accommodate and switch AM, SSB and CW functions. During the 1950s and 60s AM was still a serious mode of communication, although sideband was gaining popularity.



The RME 6900 Receiver

The RME-6900 had two switchable modes for AM reception. One position was for higher quality AM reception, with a response curve that was 3.5 kc wide. The other position, for more crowded band conditions, had a response curve reduced to 2 kc. In both AM positions, full-wave diode detection was employed. The AVC circuit operated in fast attack and fast decay mode for quality reception.

For those desiring single sideband reception, either upper or lower sideband could be selected with the Modemaster switch. In SSB, fast attack and slow decay AVC were functional for optimum reception. A sophisticated product detector was employed for sideband reception. In SSB mode, a 2 kc response curve was utilized, and the switch permitted quick selection of either upper or lower sideband reception without fiddling with other adjustments.

And for serious CW operators, the RME really performed well with the IF response reduced to a 500 cycle bandwidth. The BFO injection control along with the pitch control gave the serious operator a good handle on reception of the CW signal. The Modemaster switch also selected the optimum AVC for CW.

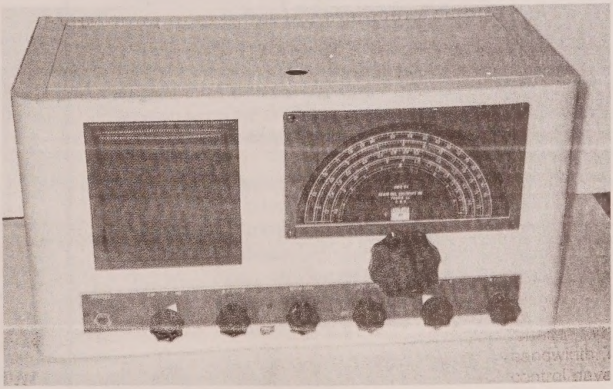
The layout of the RME-6900 was well thought out, simple and logical. I liked the fantastic linear dial that was almost one foot in length. The display for each band was provided on a physically well designed (and rugged) drum that was rotated by the sturdy band change knob. The center vernier band spread dial allowed the operator to more precisely interpret the received frequency. An internal crystal calibrator permitted the operator to precisely align the frequency display dial.

This double conversion receiver utilized 12 miniature type vacuum tubes, plus solid-state devices. The receiver stability was about 0.005% after a short warm up period and the image ratio was specified at better than 55 db. The only panel item I did not like was the edge view S-Meter; although this was a personal preference.

The RME-6900 was a beautiful receiver in a carefully crafted grey cabinet, complemented with charcoal trim. Russ M. Planck (W9RGH), one of the founders of the company, supervised the design. The matching RME-6901 speaker was an attractive companion for the receiver. The price in 1960 for the RME-6900 was approximately $ 350.00 or, translated into the proper pricing context for 1960, represented a typical monthly salary. Covering the ham bands only, the RME-6900 was a well-designed and functional communication receiver for the serious amateur radio operator.

The Radio Manufacturing Engineering Company can trace its roots back to the early 1930s with such well-known receivers as the RME-9, RME-41 and perhaps the most famous from the early years, the RME-69, produced in several variations. A later receiver, the RME-84 from the late 1940 period (pictured with this article), had a large half moon dial, carefully arranged controls and internal speaker. The sensitivity figure of 2 microvolts (or better) made it a good performer for its day. This receiver was popular with hams after WW-II.

I recently acquired an RME-6900 from the vintage equipment dealer, Frank Liberstein W4FRL, along with the matching speaker. Now I can recline in a comfortable chair, prop my legs up, and enjoy the excellent reception and sound quality from a receiver I only dreamed about 40 years ago. ■



The RME 84 receiver, from the late 1940's

Get the Hammer

And let's get technical

Randy McKenzie KB4YFV
3661 AIRPORT RD.
HILLSVILLE, VA 24343
kb4yfv@sera.org

Conversions

Greetings all in this new year! The first of the year is a good time to look ahead and think about so many things. Its also winter time, the time of year where my hobby interests lean toward building things. This winter projects include rebuilding a 440 machine, a 6 meter machine, and some model railroad circuits. Funny how I always have so many ideas....only now to finish some of them!

In upcoming articles, I want to explore some radio projects, converting some commercial stuff over to the ham bands. In mind are the GE Master II, Aerotron Mega, and more if some of you have some others in mind. I don't intend on opening a complete info service, but provide some technical information on using surplus rigs for some fun!

In this era of microprocessor controlled toys, the crystal and simple diode array have long gone, but so many of them are being sold for next to nothing! Perfect for ham projects! In mind are 45-50 mhz Master II, coming out of VDOT use in Virginia. These are ready for 6 meters, but do require a crystal for each frequency. These convert with only tuning, and the Master II is known as one of the BEST GE products. Perfect for a repeater.

Also coming from VA DOT is the Aerotron Mega. Some of you may have seen these, and some even scoff at them. The Mega was basically Aerotrons first attempt at a programmable rig. Some versions used diode arrays, later versions used a E-prom. These were solid radios except for the control head connectors. Intermittent everything! But with 12 capacitor changes, a clipped coil and some time, they work great on 6 meters.

My intention is to bring some interest into converting a rig, actually learning something about the radio, and helping teach a little about radio. Its very easy today to buy a rig that does everything, but in all honesty, those bells and whistles rarely get used, so a simple radio, with a few parts can be alot of fun. Many of you remember the old Heathkit rigs. I even still have two of them. So many hams learned about radio, soldering, and the joy of doing a little work - that's the idea behind doing the projects. Isn't part of being a ham to build stuff?

I would like some feedback from you on these ideas! Let me know if they are other rigs you have interest in! I am currently looking at new rigs too, mainly the Motorola Maxtrac and Kenwood TK-690. These are new business band rigs, and Im learning about them (and yes, cheating my above stated idea) but I'm the curious type, I like to learn! If you have information on these, drop me an email! I have information on the Motorola Micor, and a few others.

This modern era of new super rigs is really great, I like the programming options just like any other, but for a repeater, give me an old Micor or Master II any day! Rugged, reliable, and just keeps on working! Remember the good old days of using a computer.....before "Ctrl, Alt, Del"? Good old DOS and BASIC. I was big stuff back then!

Along this intended technical trail, I hope to interest the new repeater owners, maybe trade a few tips from older owners, and provide a place to learn more about this fascinating hobby of radio. I always enjoy hearing from you, drop me an e-mail, share your ideas, and let me know more about what your interested in! I never claim to know everything, but I have discovered anything can be fixed....it just depends on the size hammer you use!

A new year is ahead of us! The future is bright, and limited only by ourselves. Hopefully by the time this is printed, I will be moving into the new ham shack, I mean the new house! Also, I plan on being at the Elkin NC Hamfest, so if you're there, look for me. I'm usually around the PA booth, eating or sitting around waiting to eat anyway....

I am also very sad to report my "white porcupine" has died. It blew a head gasket, water pump and radiator in December. The nice folks in Richmond issued me a new ride, a Chevrolet 2500 HD, and the "white porcupine 2" has arrived. The old ride made it 178,000 miles. In case you don't recall, the "porcupine" is my state issued work truck, sporting 6 antennae : 2 business, 4 ham. Memorial services were conducted at the 4th div shop: $1.27 in change, a pop bottle, and 3 old french fries found under the seat. The boss didn't think a new bumper sticker "horn broken - watch for finger" would be a good idea!

So until next time! God Bless and enjoy everyday!

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SERA Repeater Journal

The Official Voice of SERA, Inc.

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2003 REPEATER FULL MEMBER APPLICATION

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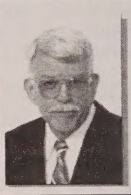

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Lanierland Amateur Radio Club
Hamfest / Computer Expo 2003
ARRL Southeastern Division Convention
Georgia Mountains Center
Downtown Gainesville, Ga.
Saturday, July 12, 8am until 5pm
Sunday, July 13, 8am until 3pm
http://www.lanierlandarc.org/hamfest.htm

For more information, contact:
Terry Jones, W4TL — 770-967-6364 — w4tl@arrl.net
John Vaughn, WA4ZQP — 770-887-2548 — wa4zqp@arrl.net

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The SERA *Repeater Journal* Southeastern HAMFEST/CONVENTION CALENDAR

Hamfest dates marked with an asterisk (*) are ***not*** confirmed and are estimated from the previous year's date.

We urge hamfest sponsors to send their correct dates to the *Repeater Journal* editor as soon as possible (**editor@sera.org**).

We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors, the ARRL, commercial dealers, and many clubs and individuals.

Deadline for May Issue is April 1, 2003

FEBRUARY, 2003

31/1 (Fri, Sat)..... MS St ARRLConv/HF, JACKSON, MS
1 ..... Charleston ARS Hamfest, CHARLESTON, SC
1-2 ..... SE ARRL Div Conv/HF, MIAMI, FL
7-9 ..... Hamfest, Central Florida FG, ORLANDO, FL
8-9 ..... DixieFest Hamfest, MEMPHIS, TN
9 ..... Hamfest, MANSFIELD, OH
9 ..... ARRL VA State/FrostFest, RICHMOND, VA
15 ..... Hamfest, SEBRING, FL
15 ..... Hernando Co ARA Hamfest, BROOKSVILLE, FL
22 ..... Dalton ARC Hamfest, DALTON, GA
23 ..... Hamfest, Nat'l Grd. Armory, ELKIN, NC
23 ..... Hamfest, Fayetteville HS, FAYETTEVILLE, WV
23 ..... Vienna Wireless Assn. Winterfest, ANNANDALE, VA
23 ..... Hamfest, ZEPHYRHILLS, FL

MARCH, 2003

1 ..... AR River Val. Hamfest, RUSSELLVILLE, AR
1* ..... 26th Mam. Cave ARC Hamfest, CAVE CITY, KY
1 ..... Kerbela Hamfest at Temple, KNOXVILLE, TN
7-9 ..... Acadiana ARA Hamfest, RAYNE, LA
8 ..... Hamfest, HARRISON, AR
8-9 ..... Hamfest/Computer Show, CHARLOTTE, NC
15 ..... Hamfest at Coonskin Armory, CHARLESTON, WV
15 ..... Hamfest, PORT CHARLOTTE, FL
15 ..... Playground ARC Hamfest, FT. WALTON BEACH, FL
16 ..... Toledo Mobile Radio Assn. Hamfest, MAUMEE, OH
22 ..... Gulfcoast ARC HF, NEW PORT RICHEY, FL
23 ..... DownEast HF - Lenior County FG, KINSTON, NC
23 ..... Lake Cty ARA Hamfest, MADISON, OH
29 ..... Middle TN ARS Hamfest, TULLAHOMA, TN
29-30 ..... ARRL MD St.-Conv/HF, TIMONIUM, MD

APRIL, 2003

5 .... Lincoln Trail ARC Hamfest, ELIZABETHTOWN, KY
5 ..... *new date* Union County ARC Hamfest, UNION, SC
5 .... *new date* Hamfest at Bradley HS, CLEVELAND, TN
5 ..... Tailgate Party, JACKSONVILLE, FL
5 ..... Ft. Smith Area ARC Hamfest, FT. SMITH, AR
6* ..... Swapfest at Tombigbee St. Pk., TUPELO, MS
13 ..... Raleigh Hamfest-Large Flea Market, RALEIGH, NC
19 ..... Chesapeake ARS Springfest, CHESAPEAKE, VA
19 ..... Catawba Val. HF & Comp., MORGANTON, NC
25-26 ..... Little Rock Hamfest, LITTLE ROCK, AR
25-26 ..... SE VHF Conference, Huntsville, AL
26 ..... Cherokee Capital ARS Hamfest, CALHOUN, GA
26 ..... Gainsville ARS Hamfest, GAINESVILLE, FL
26* ..... Bankhead ARC Hamfest, MOULTON, AL
26 ... ***Cancelled in 2003***, BARNWELL/WINDSOR, SC
27 (proposed) ..... Athens Co. ARS Hamfest, ATHENS, OH

MAY, 2003

2-3 ..... Midwest Div. ARRL Conv/HF, LEBANON, MO
3* ..... Upstate SC Hamfest, SPARTANBURG, SC
3* ..... Big Sandy ARC Hamfest, LOUISA, KY
3* ..... Hamfest, GRAYSONVILLE, MD
3-4 ..... Birminghamfest, BIRMINGHAM, AL
4* ... Hmfst, Fayette Co. Mem Bldg, FAYETTEVILLE, WV
4* ..... Antietam RA Hamfest, HAGERSTOWN, MD
4* ..... Jax Cty ARC Hamfest, RIPLEY, WV
10 ..... ***new date,location*** NG Armory, DURHAM, NC
10 ..... CANCELLED!! ~~Plateau ARA Hamfest, BECKLEY, WV~~
10 ..... Johnson County ARC, MOUNTAIN CITY, TN
16-18 ..... Dayton Hamvention, DAYTON, OH
17* ..... Sadler's Creek St. Pk., ANDERSON, SC

Is your hamfest listed correctly?

(does it still have a dreaded "*")

Have we missed one?

Please e-mail the editor at:

editor@sera.org

17 ..... Roanoke ARS Swapfest, WILLIAMSTON, NC
17* ..... Hamfest, STATESBORO, GA
24* ..... Hopkins Co. ARA, MADISONVILLE, KY

JUNE, 2003

1 ..... Ole VA Hams, Hamfest at FG, MANASSAS, VA
7 ... Atlanta RC Hamfest, State ARRL Conv., ATLANTA, GA
?* ..... Starved Rock Hamfest, PRINCETON, IL
6-7* (Fri eve-Sat) .. Hf/Comp Show, PASCAGOULA, MS
7* ..... HF/Computer Fair, ALBANY, GA
7* ..... W-S Classic at Dixie FG, WINSTON-SALEM, NC
8* ..... NKyARC Hamfest, EDGEWOOD, KY
13-14 (Fri-Sat)RACK Hamfest, TN ARRL, KNOXVILLE, TN
14 ..... Nashville ARC Hamfest, SMYRNA, TN
14 .. Pig Pickin'/Picnic/Tailgate (exams), FRANKLIN, VA
15* ..... Frederick ARC Hamfest, FREDERICK, MD
21 ..... Tailgate Party, CHESTER, SC
21 ..... Hamfest (free), SILVER POINT, TN
22* ..... Eastern Shore Hamfest, EASTON, MD
22* ..... Hamfest, ZEPHYRHILLS, FL
28-29 ..... ARRL FIELD DAY

JULY, 2003

12 ..... Firecracker HF at Civic Cen, SALISBURY, NC
12 .... ARRL SE Div. Conv, Lanierland HF, GAINESVILLE, GA
19 ..... Midsummer Swapfest, CARY, NC
19* ..... RCARS Hamfest at Cdr Pt. Pk, DAYTON, TN
25-26* (fri-sat) ..... Milton ARC Hamfest, MILTON, FL
26* ..... OH-KY-IN ARS Hamfest, CINCINNATI, OH
26 ..... WCARS Hamfest, Hywd Co. FG, WAYNESVILLE, NC
27* ..... Portage Cty ARC Hamfest, RANDOLPH, OH
27* ..... BRATS HF and Computer Fest, TIMONIUM, MD

AUGUST, 2003

2* ..... HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
2* ..... Voice/ Aladdin ARC Hamfest, COLUMBUS, OH
2* ..... Hamfest, EILLIJAY, GA
3 ..... 52nd Annual Winchester HF, BERRYVILLE, VA
3* ..... Hamfest at Stuben Co. Frgrnds, ANGOLA, IN
9* ..... Hamfest, at Meth. Col., FAYETTEVILLE, NC
9* ..... TARA HF & Comp. Show, HUNTINGTON, WV
10 *moved* - KY ARRL /Bluegrass ARS Hfstt, LEXINGTON, KY
16-17* ..... Hamfest, AL Sec. Conv., HUNTSVILLE, AL
17* ..... Warren ARA Hamfest, WARREN, OH
23* ..... WV State Conv/HF, (Jksons Mill) WESTON, WV
24* ..... Short Mt. RC, Hamfest, LEBANON, TN
30-31 ..... Shelby ARC Hamfest, SHELBY NC

SEPTEMBER, 2003

6- ..... Owen Cty ARA Hamfest, SPENCER, IN
5-6 ... Greater Louisville Hamfest Assn., LOUISVILLE, KY
6-7*..... Columbia ARA/FAR Hamfest, FRIENDSHIP, MD
7* ..... Findlay Radio Club Hamfest, FINDLAY, OH
7* ..... Butler Cty ARA Hamfest, BUTLER, PA
13* ..... Paulding ARC Hamfest, DALLAS, GA
20* ..... Arrl St. Conv./Hamfest, LITTLE ROCK, AR
21 ..... Hamfest Assn. of Clev. HF, CLEVELAND, OH
21* ..... Greater Cinci ARA Hamfest, CINCINNATI, OH
26-27* ..... (Fri-Sat) Ten-Tec Hamfest, SEVIERVILLE, TN
-- ..... Date, Location TBA, VIRGINIA BEACH, VA
27* ..... Cancelled in 2002 - Hamfest, DOTHAN, AL
27* ..... Day in Park HF, STARKVILLE, MS

OCTOBER, 2003

4* ..... Cancelled in 2002- KCARC , BOWLING GREEN, KY
4* ..... Hamfest/Computer Fair, ROCK HILL, SC
11* ..... Stafford ARA Hamfest, STAFFORD, VA
11* ..... Hamfest, STARKE, FL
11* ..... ARC of Augusta, HF/Comp Show, AUGUSTA, GA
12* ..... Hamfest, MAYSVILLE, NC
18* ..... NW GA ARC Hamfest, ROME, GA
18 ..... Gr. Jax HF Hamfest, JACKSONVILLE, FL
18 ..... Hamfest, FOE building, OAK RIDGE, TN
25 ..... ***new*** CATS Hamfest, CLARKSVILLE, TN
25* ..... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
25* ..... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
26* ..... Massillon ARC Hamfest, CANTON, OH

NOVEMBER, 2003

Oct. 31, Nov 1* (Fri-Sat)Baton Rouge Hamfest, BAKER, LA
1-2* ..... GA ARRL Conv./Hamfest, LAWRENCEVILLE, GA
8* ..... Beachfest/Fleamarket, MYRTLE BEACH, SC
8* ..... Hamfest at St. Fairgrnds, MONTGOMERY, AL
15-16* ..... Hamfest, FT. WAYNE, IN
16* ..... JARSFEST at American Legion, BENSON, NC
21-22* .. West Jackson Co. Hamfest, OCEAN SPRINGS, MS
22* ..... EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2003

none

JANUARY, 2004

3* ..... HF at Talley Ward RC, MORRISTOWN, TN
10* ..... Ft. Myers ARC Hamfest FT. MYERS, FL
10* ..... Hamfest, GREENWOOD, SC
10* ..... Dial RC Hamfest, MIDDLETOWN, OH
11* ..... Hamfest, SOUTH BEND, IN
17* ..... Hamfest at SLU Univ., HAMMOND, LA
17 ..... SCARA Hamfest at Civic Center, GALLATIN, TN

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SQUELCHTALE

Gary Pearce
KN4AQ
Editor

This is the fattest issue of the *Repeater Journal* I've seen in a while - 68 pages! There's a lot going on out there, and with new columns from some of our formerly "missing" states, and lots of advertising (that I hope you appreciate), it's a challenge to shoehorn everything in. I'm about exhausted. But I think I can type a few more lines, so here goes.

Presents at the Creation

Some neighborhood kids got FRS radios for Christmas, and I've been listening to them for a few weeks. I've made a startling connection. Without any prompting, having never listened to 75 meters, a repeater (particularly a California repeater) or probably even a CB radio, these kids have found man's primal level of radio communication: burping, cursing, jamming, playing music (as jamming), and claiming sovereignty over a radio frequency *("Get off this channel!")*. One more innocent young lady spends her radio time just hollering. All this punctuated by the "boodle-de-boop" roger-beep at the end of each *frequent* transmission.

And yet I realized that this is where future hams will come from! Some of these kids are igniting the spark that can grow into whatever mysterious force lead each of us to this hobby/service.

I don't know who they are, but they're within a half-mile or so (that's a lot of houses). I'm thinking of leafleting the neighborhood with an invitation from "your friendly local ham" to come visit the shack and learn a bit more about radio. I'll have to clean up the shack, first.

ARRL

Last issue, Marvin skewered the ARRL's fund-raising effort in his column, and this month in Virginia News, Fred seems to suggest that SERA and the *Repeater Journal* are worthy alternatives to ARRL membership as he contemplates not renewing. I'm not sure exactly what their beefs are. I've been a life member since '74, and I hold a couple of nifty appointed positions (making me a leader several times over, Marvin. Better watch out!).

I'm in that camp of people who says that the ARRL doesn't always do things the way I'd like, but they're generally on track to keep ham radio alive and well, and they're certainly worth supporting. They got my $180 back in 1974 (that's what a life membership cost back then), so I haven't had to pay dues. But I send a donation most every year anyway.

In the February *CQ*, editor Rich Moseson W2VU takes the League to task for not recruiting Tech/VHF membership. He points out that the ARRL does a lot for Techs - they just don't let the Techs know about it. He suggests that Techs need to join the League and elect Board members who represent their interests.

Meanwhile, Marvin and Fred don't have to worry. They, and you, are welcome to express opinions in the *Journal* whether I agree with them or not. It's a free country.

K7IJ

That's that problem-child repeater in Berkeley. I talked to a new ham in the Bay area on Echolink yesterday (when I leave it on, people keep calling me at random, mostly from their computers). He said the repeater is still pretty trashy - profanity, jamming, bigotry. One or two other repeaters in that densely populated area have similar problems, but most are "normal." For my editorial opinion, reread "Presents at the Creation" earlier in this column. Some kids never grow up.

IT'S LIKE SARAH, NOT SIERRA

Among the least important issues you'll have to deal with today is the proper pronunciation of our name: SERA. It's like the woman's name Sarah, not like the mountain range Sierra. There are no points deducted for pronouncing it wrong, but it tends to irritate some of the staff.

So if irritating the staff is your goal, say at a hamfest or something, then it's pretty effective to come up to the booth and say something like "Say, you guys in "see-AIR-ah" are do'in a right fine job, all things considered!"

Well, I see the end of the page coming up fast. Time to wrap this puppy up and send it to the printer. See you in the spring. And give me a call on Echolink if you see me on board. 73

Would you like fries with that?

Communication or Miscommunication

by Tom Muncy AG4SF

Communication is an everyday thing for us today. We cannot operate without some form of communication. Electronics have made our communication much easier in a lot of ways, with telephones, radio, computers, and satellites. We have come to take communications for granted. However, when it does not work we really have a problem.

One communication device we use daily, I have to wonder if it has made life easier, is the wireless intercom system at the fast food restaurant drive-through. We all use them, and we usually do not get it our way. I speak East Tennessee hillbilly and really confuse the situation. I also hear in hillbilly, so I rarely get what I order.

Recently, I approached the speaker at our local fried chicken drive through. Just as the young lady said, "May I take your order, please," my two meter rig came to life. Before I could turn down the volume, Boyd Franklin said, "KB4STE monitoring." The young lady came back with, "That will be five ninety six. Drive to the window, please."

"Well," I think to myself, "This ought to really be good." So I drove to the window and paid. After receiving my food, I pulled into the first parking place. I looked into the box. I had a four-piece meal and a large sweet tea. Just what I wanted. Isn't communication on the two meter repeaters wonderful?

Tom Muncy AG4SF
142 Manhattan Ave.
Oak Ridge, TN 37830

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